

ポリマー総合カタログ
機能性 ポリマー/機能性ブロックコポリマー試料
編

株式会社 ゼネラルサイエンスコーポレーション

はじめに

各ポリマーには出来る限り、CAS No. および構造式を記載しておりますが記載がないポリマーもございます。
また、予告なく製品自体の終了・容量・価格等の変更がございます。併せてご了承下さい。

製品の容量の多くは1gもしくは0.5g表記ですが、2g・5gでの容量もございます。

ご希望のポリマー試料の合成依頼も承っております。
物質名・構造式・分子量・分散度・（文献等）をお知らせください。
詳しくはお問合せ下さい。

記載されているカタログ番号は、同時にロット番号となります。
従いまして、記載されている型番が在庫終了になりますと同じスペックの製品は原則ご提供できない事になります。
代替品がある場合はお知らせ致しますので、お含み下さいますようお願い致します。

納期： ご下命後約1-2週間程度でお届けできます。

☆ 海外送料等について:

従来は、品代金に海外送料を含めてのご案内でしたが、複数点ご購入のユーザー様には海外送料の重複の弊害がございました。

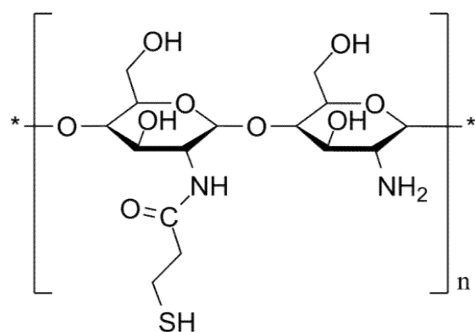
その弊害を解消するため、品代金と海外送料を分けて、ご注文点数に係わらず1回のご注文に付き海外送料1回分といたしました。

カタログに表記しております金額は海外送料を含んでいない金額です。

詳しくはお問い合わせ下さい。

Chitosan, thiolated with mercaptopropionic acid 機能性ポリマー

Polysaccharides (Chitosan, Dextran), functionalized

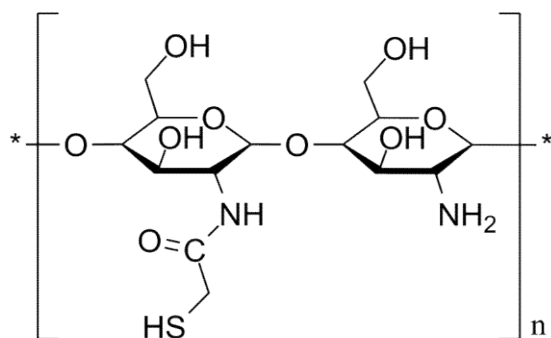


Mn column shows dynamic viscosity of native chitosan (before thiolation): * 0.5% in 0.5% acetic acid at 20 C.

P16029-TCS	Mn x 10 ³ : 50-100 cP (solution*)	Mw/Mn :	-SH degree: 16 mol%	0.5g
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Chitosan, thiolated with thioglycolic acid 機能性ポリマー

Polysaccharides (Chitosan, Dextran), functionalized

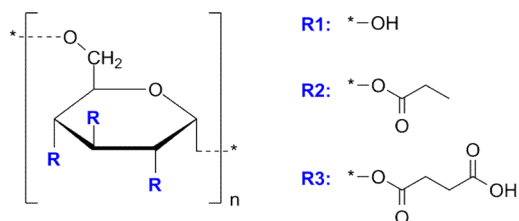


Mn column shows dynamic viscosity of native chitosan (before thiolation): * 0.5% in 0.5% acetic acid at 20 C

P16021-TCS	Mn x 10 ³ : 50-100 cP (solution*)	Mw/Mn :	-SH degree: 14 mol%; Lyophilized	0.5g
P16021B-TCS	Mn x 10 ³ : 50-100 cP (solution*)	Mw/Mn :	-SH degree: 11 mol%	0.5g
P16030B-TCS	Mn x 10 ³ : 50-100 cP (solution*)	Mw/Mn :	-SH degree: 28 mol%	0.5g
P16031-TCS	Mn x 10 ³ : 50-100 cP (solution*)	Mw/Mn :	-SH degree: 42 mol%	0.5g
P16083-TCS	Mn x 10 ³ : 50-100 cP (solution*)	Mw/Mn :	-SH degree: 20 mol%; Lyophilized	0.5g

Dextran propionate succinate 機能性ポリマー

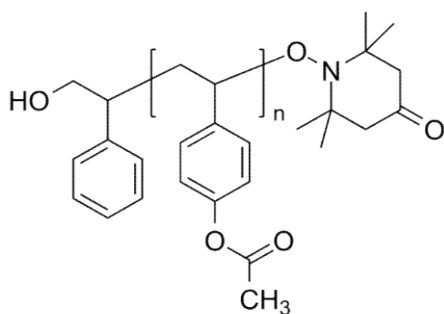
Polysaccharides (Chitosan, Dextran), functionalized



P16291-Dextran-PS	$M_n \times 10^3 : 10$	$M_w/M_n : 3.8$	[R2]=76%, [R3]=15%	1g
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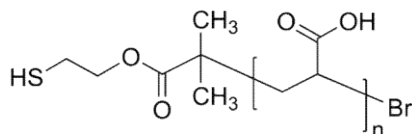
Poly(4-acetoxystyrene), (α -hydroxy, ω -TEMPO)-terminated 機能性ポリマー

Poly(substituted styrene derivatives), functionalized



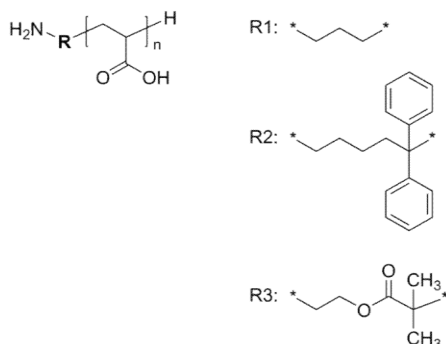
P6644-4AcSOHT	$M_n \times 10^3 : 16$	$M_w/M_n : 1.23$	1g
P6643-4AcSOHT	$M_n \times 10^3 : 26$	$M_w/M_n : 1.25$	1g
P6645-4AcSOHT	$M_n \times 10^3 : 40$	$M_w/M_n : 1.45$	1g

Poly(acrylic acid), (α -thiol, ω -bromo)-terminated 機能性ポリマー
 Poly([alkyl] acrylic acids), functionalized



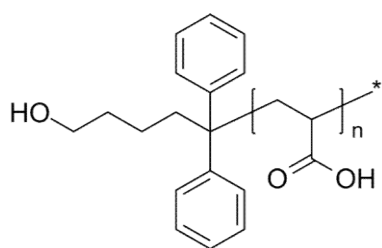
P20167B-AASH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.3$	1g
P20166B-AASH	$M_n \times 10^3 : 2.3$	$M_w/M_n : 1.3$	1g
P41479-AASH	$M_n \times 10^3 : 7$	$M_w/M_n : 1.2$	1g
P41184-AASH	$M_n \times 10^3 : 7.5$	$M_w/M_n : 1.7$	1g
P41481-AASH	$M_n \times 10^3 : 7.5$	$M_w/M_n : 1.7$	1g
P41181A-AASH	$M_n \times 10^3 : 11$	$M_w/M_n : 1.27$	1g
P41181A-AASH	$M_n \times 10^3 : 16$	$M_w/M_n : 1.25$	1g
P41181-AASH	$M_n \times 10^3 : 17.5$	$M_w/M_n : 1.25$	1g
P41481A-AASH	$M_n \times 10^3 : 20$	$M_w/M_n : 1.47$	1g
P41183-AASH	$M_n \times 10^3 : 30$	$M_w/M_n : 1.8$	1g
P41180-AASH	$M_n \times 10^3 : 39$	$M_w/M_n : 1.4$	1g

Poly(acrylic acid), α -amino-terminated 機能性ポリマー
 Poly([alkyl] acrylic acids), functionalized



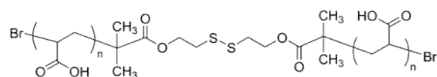
P41880-AANH2	$M_n \times 10^3 : 1$	$M_w/M_n : 1.28$	R3	0.5g
P19137-AANH2	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.2$	R1	0.5g
P41888-AANH2	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.4$	R3	0.5g
P5839A-AANH2	$M_n \times 10^3 : 2.4$	$M_w/M_n : 1.3$	R1	0.5g
P19090A-AANH2	$M_n \times 10^3 : 3$	$M_w/M_n : 1.2$	R1	0.5g
P11466-AANH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.22$	R2	0.5g
P11468-AANH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.2$	R2	0.5g
P41881-AANH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.4$	R3	0.5g
P16393-AANH2	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.05$	R1	0.5g
P11185-AANH2	$M_n \times 10^3 : 6$	$M_w/M_n : 1.4$	R1	0.5g
P16391-AANH2	$M_n \times 10^3 : 16.5$	$M_w/M_n : 1.22$	R1	0.5g
P16392-AANH2	$M_n \times 10^3 : 31$	$M_w/M_n : 1.21$	R1	0.5g
P9984-AANH2	$M_n \times 10^3 : 61$	$M_w/M_n : 2.5$	R1	0.5g

Poly(acrylic acid), α -hydroxy-terminated 機能性ポリマー
Poly([alkyl] acrylic acids), functionalized



P9754-AAOH	$M_n \times 10^3$: 2.3	M_w/M_n : 1.15	1g
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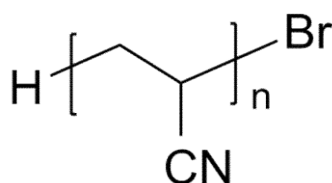
Poly(acrylic acid), with disulfide group in center of polymer chain 機能性ポリマー
Poly([alkyl] acrylic acids), functionalized



α,ω -bis(Bromo)-terminated PAA

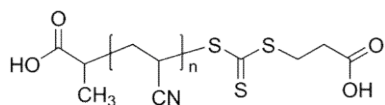
P41199A-AA2SS	$M_n \times 10^3$: 11	M_w/M_n : 2.8	1g
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Poly(acrylonitrile), ω -bromo-terminated 機能性ポリマー
Polyacrylonitriles, functionalized



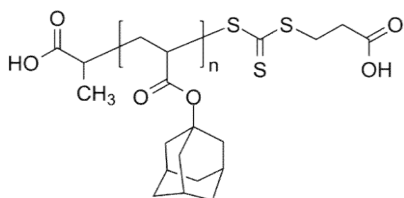
P16185-AnBr	$M_n \times 10^3$: 2.4	M_w/M_n : 1.29	1g
P16104AA-AnBr	$M_n \times 10^3$: 3.5	M_w/M_n : 1.28	1g
P16104BB-AnBr	$M_n \times 10^3$: 5.5	M_w/M_n : 1.25	1g
P16104CC-AnBr	$M_n \times 10^3$: 6	M_w/M_n : 1.2	1g
P16187-AnBr	$M_n \times 10^3$: 9.5	M_w/M_n : 1.6	1g
P16188-AnBr	$M_n \times 10^3$: 15.5	M_w/M_n : 1.13	1g
P16190-AnBr	$M_n \times 10^3$: 24	M_w/M_n : 1.11	1g
P16189-AnBr	$M_n \times 10^3$: 25	M_w/M_n : 1.11	1g

Poly(acrylonitrile), ω -RAFT-terminated 機能性ポリマー
RAFT agents (macroinitiators)



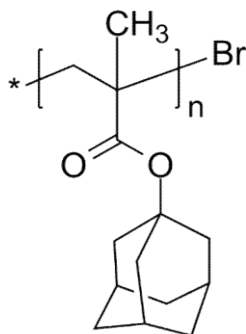
P41208A-ACN-RAFT	$M_n \times 10^3 : 19.5$	$M_w/M_n : 1.4$	1g
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Poly(1-adamantyl acrylate), ω -RAFT-terminated 機能性ポリマー
RAFT agents (macroinitiators)



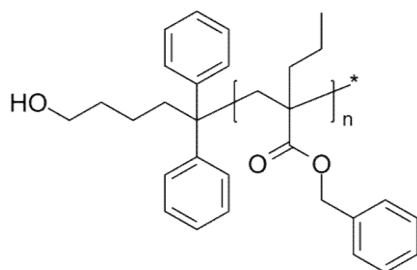
P40319-ADMA-RAFT	$M_n \times 10^3 : 15$	$M_w/M_n : 1.5$	1g
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Poly(1-adamantyl methacrylate), α -bromo-terminated 機能性ポリマー
Poly([alkyl] methacrylate), functionalized



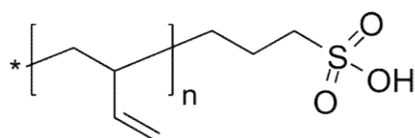
P13250-ADMMABr	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.5$	0.5g
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Poly(benzyl α -propyl acrylate), α -hydroxy-terminated 機能性ポリマー
Poly([alkyl] acrylate), functionalized



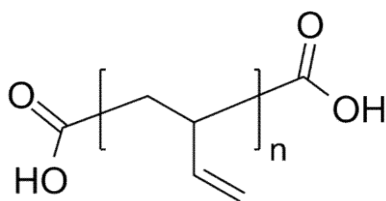
P6828-BzPrAOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.25$	0.5g
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Poly(1,2-butadiene), α -(sulfonic acid)-terminated 機能性ポリマー
Poly(1,2-butadiene), functionalized



P3764-BdSO3H	$M_n \times 10^3 : 14$	$M_w/M_n : 1.09$	1g
P3763-BdSO3H	$M_n \times 10^3 : 19$	$M_w/M_n : 1.09$	1g
P3766-BdSO3H	$M_n \times 10^3 : 20$	$M_w/M_n : 1.05$	1g

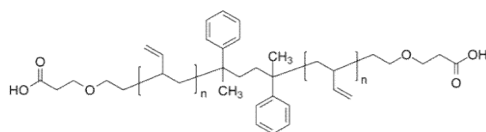
Poly(1,2-butadiene), α,ω -bis(carboxy)-terminated 機能性ポリマー
Polydienes, functionalized



Poly(Bd) is 80% 1,2-addition.

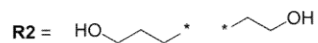
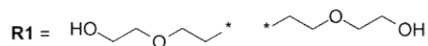
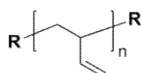
P3897-Bd2COOH	$M_n \times 10^3 : 1.6$	$M_w/M_n : 1.18$	$f = 1.8 (90\%)$	1g
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Poly(1,2-butadiene), α,ω -bis(carboxy)-terminated; with middle linker: α -methylstyrene dimer
機能性ポリマー Poly(1,2-butadiene), functionalized



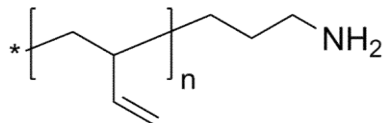
P40656A-Bd2COOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.33$	1g
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Poly(1,2-butadiene), α,ω -bis(hydroxy)-terminated **機能性ポリマー**
Poly(1,2-butadiene), functionalized



P9493-Bd2OH	$M_n \times 10^3 : 0.8$	$M_w/M_n : 1.04$	R=1	1g
P9541-Bd2OH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.15$	R=1	1g
P9541A-Bd2OH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.8$	R=2	1g
P9492-Bd2OH	$M_n \times 10^3 : 9$	$M_w/M_n : 1.04$	R=1	1g
P40655-Bd2OH	$M_n \times 10^3 : 209$	$M_w/M_n : 1.4$	R=2	1g

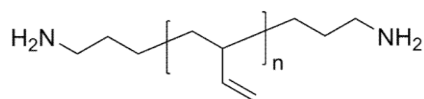
Poly(1,2-butadiene), α -amino-terminated 機能性ポリマー
Polydienes, functionalized



Comments: Comments column: functionality

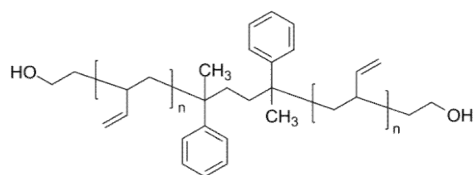
P18667-BdNH2	Mn x 10 ³ : 1	Mw/Mn : 1.1	f>90%	1g
P19468-BdNH2	Mn x 10 ³ : 1.8	Mw/Mn : 1.1	f>80%	1g
P19740-BdNH2	Mn x 10 ³ : 1.8	Mw/Mn : 1.05	f>95%	1g
P3975A-BdNH2	Mn x 10 ³ : 3	Mw/Mn : 1.08	f>80%	1g
P19469-BdNH2	Mn x 10 ³ : 3	Mw/Mn : 1.05	f>95%	1g
P18006-BdNH2	Mn x 10 ³ : 3.5	Mw/Mn : 1.13	f>98%	1g
P1835-BdNH2	Mn x 10 ³ : 7.2	Mw/Mn : 1.2	f>90%	1g
P3951-BdNH2	Mn x 10 ³ : 8	Mw/Mn : 1.09	f>90%	1g
P11470-BdNH2	Mn x 10 ³ : 14	Mw/Mn : 1.8	f>98%	1g
P3979-BdNH2	Mn x 10 ³ : 15	Mw/Mn : 1.08	f>98%	1g
P3978-BdNH2	Mn x 10 ³ : 15	Mw/Mn : 1.05	f>98%	1g
P11488-BdNH2	Mn x 10 ³ : 16	Mw/Mn : 1.8	f>98%	1g
P3952-BdNH2	Mn x 10 ³ : 29	Mw/Mn : 1.09	f>90%	1g
P19594-BdNH2	Mn x 10 ³ : 37	Mw/Mn : 1.22	f>99%	1g
P19595-BdNH2	Mn x 10 ³ : 61	Mw/Mn : 1.1	f>99%	1g
P19592-BdNH2	Mn x 10 ³ : 62	Mw/Mn : 1.14	f>99%	1g
P19594A-BdNH2	Mn x 10 ³ : 67	Mw/Mn : 1.3	f>99%	1g

Poly(1,2-butadiene), α,ω -bis(amino)-terminated 機能性ポリマー
Polydienes, functionalized



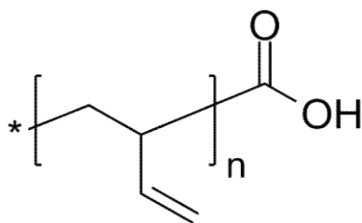
P41364-Bd2NH2	Mn x 10 ³ : 9	Mw/Mn : 1.3	1,2-Bd: 74%	1g
P41359-Bd2NH2	Mn x 10 ³ : 9.5	Mw/Mn : 1.2	1,2-Bd: 80%	1g

Poly(1,2-butadiene), α,ω -bis(hydroxy)-terminated; with α -methyl styrene dimer in center 機能性ポリマー
Poly(1,2-butadiene), functionalized



P40656-Bd2OH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.33$	1,2-Bd>80%	1g
P41717-Bd2OH	$M_n \times 10^3 : 15$	$M_w/M_n : 1.02$	1,2-Bd>80%	1g

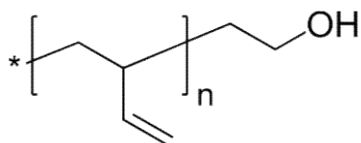
Poly(1,2-butadiene), ω -carboxy-terminated 機能性ポリマー
Polydienes, functionalized



P3892-BdCOOH	$M_n \times 10^3 : 0.8$	$M_w/M_n : 1.3$		1g
P3891-BdCOOH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.11$		1g
P3894-BdCOOH	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.19$		1g
P3893-BdCOOH	$M_n \times 10^3 : 1.6$	$M_w/M_n : 1.13$		1g
P19289A-BdCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.02$	1,2 addition > 70%	1g
P3866-BdCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.11$		1g
P19265-BdCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.03$	f=98%; 1,2-addition: 50%	1g
P19264-BdCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.03$	f=98%; 1,2-addition: 32%	1g
P19262-BdCOOH	$M_n \times 10^3 : 2.1$	$M_w/M_n : 1.2$	f=98%; 1,2-addition: 80%	1g
P3866A-BdCOOH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.11$		1g
P19259-BdCOOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.04$	f=98%; 1,2-addition: 88%	1g
P5132-BdCOOH	$M_n \times 10^3 : 2.6$	$M_w/M_n : 1.09$		1g
P6130-BdCOOH	$M_n \times 10^3 : 2.6$	$M_w/M_n : 1.25$		1g
P5133-BdCOOH	$M_n \times 10^3 : 2.8$	$M_w/M_n : 1.09$		1g
P8633-BdCOOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.15$		1g
P3889--BdCOOH	$M_n \times 10^3 : 4.2$	$M_w/M_n : 1.05$		1g
P18209-BdCOOH	$M_n \times 10^3 : 135$	$M_w/M_n : 1.05$		1g

Poly(1,2-butadiene), ω -hydroxy-terminated**機能性ポリマー**

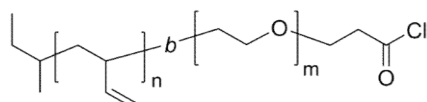
Poly(1,2-butadiene), functionalized



P10054-BdOH	$M_n \times 10^3$: 0.65	M_w/M_n : 1.09	85%	1g
P41716-BdOH	$M_n \times 10^3$: 0.7	M_w/M_n : 1.01	88%	1g
P10047-BdOH	$M_n \times 10^3$: 0.9	M_w/M_n : 1.09	65%	1g
P41855-BdOH	$M_n \times 10^3$: 1.3	M_w/M_n : 1.02	89%	1g
P40463-BdOH	$M_n \times 10^3$: 1.7	M_w/M_n : 1.05	90%	1g
P41690-BdOH	$M_n \times 10^3$: 1.9	M_w/M_n : 1.03	89%	1g
P40463-BdOH	$M_n \times 10^3$: 1.7	M_w/M_n : 1.05	90%	1g
P10946-BdOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.09		1g
P6611-BdOH	$M_n \times 10^3$: 2.8	M_w/M_n : 1.05		1g
P2894-BdOH	$M_n \times 10^3$: 3	M_w/M_n : 1.05		1g
P8544-BdOH	$M_n \times 10^3$: 3.5	M_w/M_n : 1.1	90%	1g
P5840-BdOH	$M_n \times 10^3$: 4.7	M_w/M_n : 1.05	60%	1g
P41682-BdOH	$M_n \times 10^3$: 5	M_w/M_n : 1.03	1,2-BdOH : 88%	1g
P7547-BdOH	$M_n \times 10^3$: 5	M_w/M_n : 1.09	88%	1g
P9054-BdOH	$M_n \times 10^3$: 6.5	M_w/M_n : 1.06		1g
P9087-BdOH	$M_n \times 10^3$: 6.5	M_w/M_n : 1.09		1g
P2891-BdOH	$M_n \times 10^3$: 8.2	M_w/M_n : 1.05		1g
P2870-BdOH	$M_n \times 10^3$: 9.5	M_w/M_n : 1.04		1g
P8266-BdOH	$M_n \times 10^3$: 9.6	M_w/M_n : 1.05	87%	1g
P8542-BdOH	$M_n \times 10^3$: 11.5	M_w/M_n : 1.05		1g
P4769-BdOH	$M_n \times 10^3$: 16.5	M_w/M_n : 1.04		1g
P18311-BdOH	$M_n \times 10^3$: 17.5	M_w/M_n : 1.06	90%	1g
P8944-BdOH	$M_n \times 10^3$: 20	M_w/M_n : 1.05	90%	1g
P8943-BdOH	$M_n \times 10^3$: 21	M_w/M_n : 1.05	90%	1g

Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -carboxychloride-terminated**機能性ブロックコポリマー**

Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized

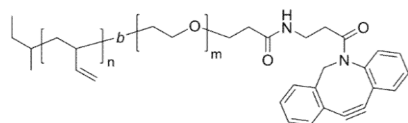


P41252C-BdEO-COCl	$M_n \times 10^3$: 1.9-b-10.9	M_w/M_n : 1.09	1g
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Poly(1,2-butadiene)-b-Poly(ethylene oxide), ω -DBCO-terminated 機能性ブロックコポリマー

DBCO: dibenzocyclooctyne

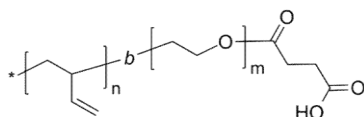
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P41252B-BdEO-DBCO	$M_n \times 10^3$: 1.9-b-10.9	M_w/M_n : 1.09	0.5g
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Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -(succinic acid)-terminated 機能性ブロックコポリマー

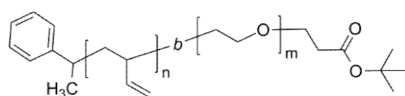
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P10084-BdEOCOOH	$M_n \times 10^3$: 2.5-b-1.30	M_w/M_n : 1.04	1g
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Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -(tert-butyl propionate)-terminated 機能性ブロックコポリマー

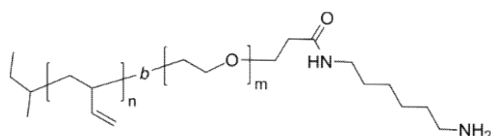
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P41252A-BdEOCOOtBu	$M_n \times 10^3$: 1.9-b-0.9	M_w/M_n : 1.09	95% 1,2 Bd addition	1g
P19439-BdEOCOOtBu	$M_n \times 10^3$: 2.5-b-1.5	M_w/M_n : 1.09	95% 1,2 Bd addition	1g
P10085-BdEOCOOtBuA	$M_n \times 10^3$: 6-b-5.5	M_w/M_n : 1.17	75% 1,2 Bd addition	1g

Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -amino terminated (via amide linkage) 機能性ブロックコポリマー

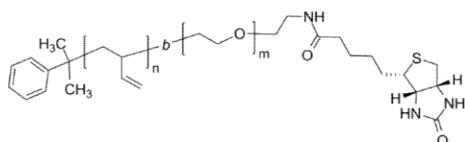
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P9050-BdEONH2	$M_n \times 10^3$: 2.5-b-1.3	M_w/M_n : 1.15	about 15% coupled fraction	1g
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Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -Biotin-terminated 機能性ブロックコポリマー

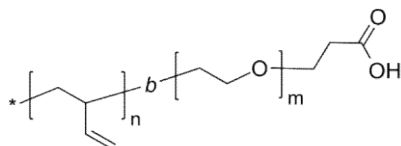
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P10950B-BdEOBiotin	$M_n \times 10^3$: 2.2-b-1.5	M_w/M_n : 1.09		1g
P10944-BdEO-Biotin	$M_n \times 10^3$: 2.5-b-1.3	M_w/M_n : 1.04		1g

Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -carboxy-terminated 機能性ブロックコポリマー

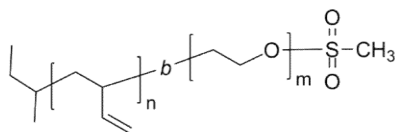
oly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P40537-BdEOCOOH	$M_n \times 10^3$: 1.2-b-0.6	M_w/M_n : 1.17		1g
P9060-BdEOCOOH	$M_n \times 10^3$: 2.5-b-0.60	M_w/M_n : 1.09		1g
P9061-BdEOCOOH	$M_n \times 10^3$: 2.5-b-1.0	M_w/M_n : 1.09		1g
P19439A-BdEOCOOH	$M_n \times 10^3$: 2.5-b-1.5	M_w/M_n : 1.09		1g

Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -amino-terminated**機能性ブロックコポリマー**

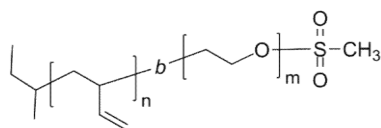
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P10191A-BdEONH2	$M_n \times 10^3$: 1.2-b-0.60	M_w/M_n : 1.09	PBd: 1,2-addition = 90%	1g
P10172C-BdEONH2	$M_n \times 10^3$: 1.2-b-1.0	M_w/M_n : 1.09	PBd: 1,2-addition = 90%	1g
P10192-BdEONH2	$M_n \times 10^3$: 1.9-b-0.90	M_w/M_n : 1.09	PBd: 1,2-addition = 90%	1g
P10951A-BdEONH2	$M_n \times 10^3$: 2.2-b-1.3	M_w/M_n : 1.09	PBd: 1,2-addition = 89%	1g
P10950A-BdEONH2	$M_n \times 10^3$: 2.2-b-1.5	M_w/M_n : 1.09	PBd: 1,2-addition = 89%	1g
P10083-BdEONH2	$M_n \times 10^3$: 2.5b-1.3	M_w/M_n : 1.04	PBd: 1,2-addition = 89%	1g

Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -mesylate-terminated**機能性ブロックコポリマー**

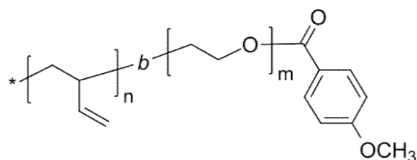
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P10809-BDEOMesylate	$M_n \times 10^3$: 2.5-b-1.3	M_w/M_n : 1.09	1g
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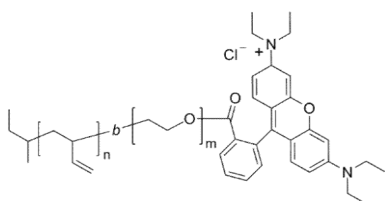
Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -(4-methoxybenzyl ester)-terminated**機能性ブロックコポリマー**

Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



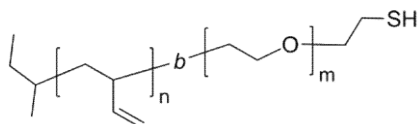
P5125-BdEOOCH3B_2	$M_n \times 10^3$: 2.5-1.30	M_w/M_n : 1.04	0.5g
P5127-BdEOOCH3B_2	$M_n \times 10^3$: 2.5-1.30	M_w/M_n : 1.04	0.5g

Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -(Rhodamine B)-terminated 機能性ブロックコポリマー
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P9089A-BdEO-Rhodamine	Mn x 10 ³ : 1.2-b-0.6	Mw/Mn : 1.17	0.5g
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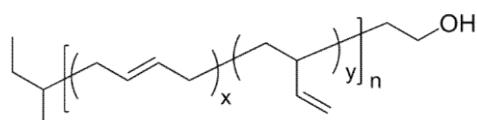
Poly(1,2-butadiene)-b-poly(ethylene oxide), ω -thiol-terminated 機能性ブロックコポリマー
Poly(1,2-butadiene)-b-Poly(ethylene oxide), functionalized



P10804-BdEOSH	Mn x 10 ³ : 2.5-b-1.3	Mw/Mn : 1.09	1g
P10809A-BdEOSH	Mn x 10 ³ : 2.5-b-1.3	Mw/Mn : 1.09	1g
P10801-BdEOSH	Mn x 10 ³ : 2.5-b-1.3	Mw/Mn : 1.09	1g

Poly(1,2-butadiene-co-1,4-butadiene), ω -hydroxy-terminated 機能性ポリマー

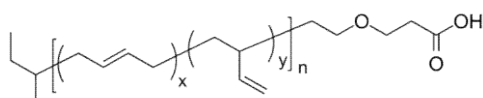
Poly(1,2-butadiene-co-1,4-butadiene), functionalized



P19740-BdOH	$M_n \times 10^3 : 0.65$	$M_w/M_n : 1.08$	48% 1,2-Bd; 52% 1,4-Bd	1g
P19302-BdOH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.03$	45% 1,2-Bd; 55% 1,4-Bd	1g
P19301-BdOH	$M_n \times 10^3 : 1.7$	$M_w/M_n : 1.04$	60% 1,2-Bd; 40% 1,4-Bd	1g
P19304-BdOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.02$	45% 1,2-Bd; 55% 1,4-Bd	1g
P41332-BdOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.02$	59% 1,2-Bd; 41% 1,4-Bd	1g
P19303A-BdOH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.03$	50% 1,2-Bd; 50% 1,4-Bd	1g
P19305-BdOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.03$	40% 1,2-Bd; 60% 1,4-Bd	1g
P19289-BdOH	$M_n \times 10^3 : 2.8$	$M_w/M_n : 1.05$	70% 1,2-Bd; 30% 1,4-Bd	1g
P41325-BdOH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.06$	59% 1,2-Bd; 41% 1,4-Bd	1g

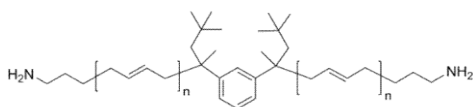
Poly(1,2-butadiene-co-1,4-butadiene), ω -carboxy-terminated 機能性ポリマー

Poly(1,2-butadiene-co-1,4-butadiene), functionalized



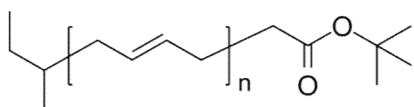
P19302A-BdCOOH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.03$	45% of 1,2 addition and 55% of 1,4 addition	1g
P19301A-BdCOOH	$M_n \times 10^3 : 1.7$	$M_w/M_n : 1.05$	60% of 1,2 addition and 40% of 1,4 addition	1g
P19304A-BdCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.03$	45% of 1,2 addition and 55% of 1,4 addition	1g
P19303-BdCOOH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.03$	50% of 1,2 addition and 50% of 1,4 addition	1g
P19305A-BdCOOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.03$	40% of 1,2 addition and 60% of 1,4 addition	1g

Poly(1,4-butadiene), α,ω -bis(amino)-terminated 機能性ポリマー
Poly(1,4-butadiene), functionalized



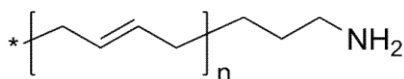
P41330-Bd2NH2	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.1$	1,4-Bd: 70%	1g
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Poly(1,4-butadiene), α -(tert-butyl acetate)-terminated 機能性ポリマー
Poly(1,4-butadiene), functionalized



P19268-BdtBuAc	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.09$	1,4 addition 95%	1g
P19269-BdtBuAc	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.09$	1,4 addition 62%	1g

Poly(1,4-butadiene), α -(amino propyl)-terminated 機能性ポリマー
Poly(1,4-butadiene), functionalized

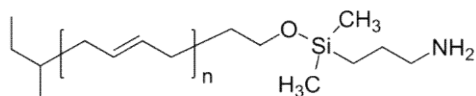


Comments: functionality

P18001-BdNH2	$M_n \times 10^3 : 2.3$	$M_w/M_n : 1.08$	f > 90%	1g
P6056-BdNH2	$M_n \times 10^3 : 3$	$M_w/M_n : 1.05$	f > 60%	1g
P6057-BdNH2	$M_n \times 10^3 : 7$	$M_w/M_n : 1.05$	f > 60%	1g
P19587-BdNH2	$M_n \times 10^3 : 47$	$M_w/M_n : 1.1$	f > 90%	1g

Poly(1,4-butadiene), α -(amino propyldimethylsilyl)-terminated**機能性ポリマー**

Poly(1,4-butadiene), functionalized

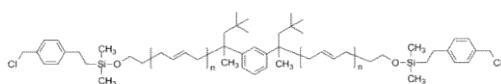


Comments: Comments column: functionality

P19355-BdNH2	$M_n \times 10^3 : 2$	$M_w/M_n : 1.03$	55%	1g
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Poly(1,4-butadiene), α,ω -bis(chlorobenzyl)-terminated**機能性ポリマー**

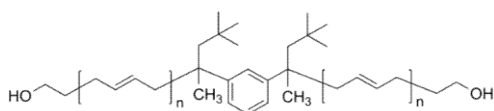
Poly(1,4-butadiene), functionalized



P10648-Bd2BzCl	$M_n \times 10^3 : 1.8$	$M_w/M_n : 1.17$	1g
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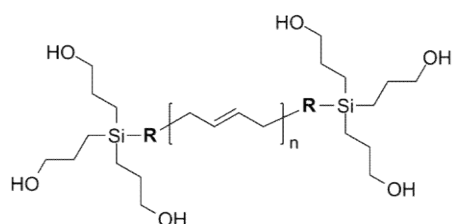
Poly(1,4-butadiene), α,ω -bis(hydroxy)-terminated**機能性ポリマー**

Poly(1,4-butadiene), functionalized



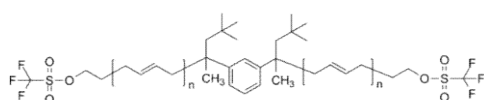
P10675A-Bd2OH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.2$	1g
P10674A-Bd2OH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.2$	1g
P10634-Bd2OH	$M_n \times 10^3 : 2.8$	$M_w/M_n : 1.15$	1g
P10668A-Bd2OH	$M_n \times 10^3 : 4.4$	$M_w/M_n : 1.2$	1g
P10665A-Bd2OH	$M_n \times 10^3 : 4.9$	$M_w/M_n : 1.2$	1g
P10667A-Bd2OH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.2$	1g

Poly(1,4-butadiene), α,ω -bis(tri[hydroxypropyl]-silane)-terminated 機能性ポリマー
 Hexa(hydroxy)-functionalized PBd (60% 1,4-addition). Poly(1,4-butadiene), functionalized



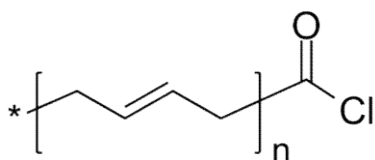
P4145-6BdOH	$M_n \times 10^3 : 30$	$M_w/M_n : 1.1$	1g
P4136-6OHBd	$M_n \times 10^3 : 88$	$M_w/M_n : 1.1$	1g

Poly(1,4-butadiene), α,ω -bis(trifluoromethane sulfonic acid)-terminated 機能性ポリマー
 Poly(1,4-butadiene), functionalized

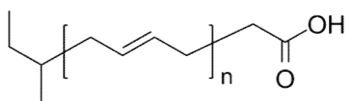


P10677-Bd2SO3CF3	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.2$	1g
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Poly(1,4-butadiene), α -acylchloride-terminated 機能性ポリマー
 Poly(1,4-butadiene), functionalized



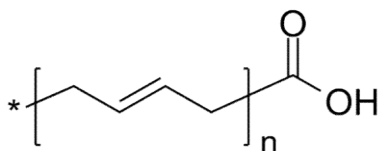
P4482-BdCOCl	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.04$	1g
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Poly(1,4-butadiene), ω -carboxy (acetic acid)-terminated 機能性ポリマー

P19269A-BdCOOH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.09$	1,4 addition 62%	1g
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Poly(1,4-butadiene), ω -carboxy-terminated 機能性ポリマー

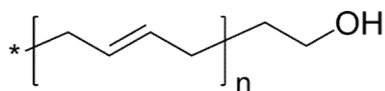
Poly(1,4-butadiene), functionalized



P2945-BdCOOH	$M_n \times 10^3 : 1.2$	$M_w/M_n : 1.09$	f=90%	1g
P19257-BdCOOH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.04$	f=98%; 1,4-addition: 92%	1g
P19270A-BdCOOH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.04$	f=98%; 1,4-addition: 92%	1g
P19258-BdCOOH	$M_n \times 10^3 : 2.3$	$M_w/M_n : 1.04$	f=98%; 1,4-addition: 92%	1g
P2950-BdCOOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.04$	f=95%; 1,4-addition: 87%	1g
P8629-BdCOOH	$M_n \times 10^3 : 5.2$	$M_w/M_n : 1.1$	f=80%; 1,4-addition: 92%	1g
P2957-BdCOOH	$M_n \times 10^3 : 5.4$	$M_w/M_n : 1.04$	f=90%; 1,4-addition: 87%	1g
P8630-BdCOOH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.1$	f=80%; 1,4-addition: 92%	1g
P3181-BdCOOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.04$	f=98%; 1,4-addition: 52%	1g
P1442-BdCOOH	$M_n \times 10^3 : 11$	$M_w/M_n : 1.03$	f=98%; 1,4-addition: 60%	1g
P8569-BdCOOH	$M_n \times 10^3 : 39.5$	$M_w/M_n : 1.08$	f=99%; 1,4-addition: 89%	1g
P8566-BdCOOH	$M_n \times 10^3 : 58$	$M_w/M_n : 1.04$	f=70%; 1,4-addition: 95%	1g

Poly(1,4-butadiene), ω -hydroxy-terminated 機能性ポリマー

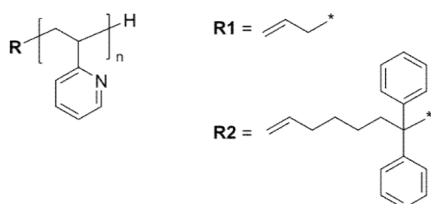
Poly(1,4-butadiene), functionalized



P41857-BdOH	$M_n \times 10^3 : 0.4$	$M_w/M_n : 1.07$	1,4-addition: 90%	1g
P19941-BdOH	$M_n \times 10^3 : 0.7$	$M_w/M_n : 1.09$	1,4 addition 92%	1g
P19277-BdOH	$M_n \times 10^3 : 0.9$	$M_w/M_n : 1.1$	1,4 addition 64%	1g
P4148-BdOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.1$		1g
P11463-BdOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.09$		1g
P19270-BdOH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.09$	1,4 addition 94%	1g
P8653A-BdOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.1$		1g
P8657-BdOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.07$		1g
P19266-BdOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.09$		1g
P19267-BdOH	$M_n \times 10^3 : 2.3$	$M_w/M_n : 1.04$	,4 microstructure 65%	1g
P4922-BdOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.05$		1g
P4920-BdOH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.05$		1g
P4971-BdOH	$M_n \times 10^3 : 4.4$	$M_w/M_n : 1.04$		1g
P4963-BdOH	$M_n \times 10^3 : 12.5$	$M_w/M_n : 1.03$		1g
P40101-BdOH	$M_n \times 10^3 : 13$	$M_w/M_n : 1.02$	1,4 addition 92%	1g
P40100-BdOH	$M_n \times 10^3 : 13.5$	$M_w/M_n : 1.02$		1g
P4484-BdOH	$M_n \times 10^3 : 17$	$M_w/M_n : 1.05$		1g
P40108-BdOH	$M_n \times 10^3 : 18.5$	$M_w/M_n : 1.03$		1g
P4965-BdOH	$M_n \times 10^3 : 19.5$	$M_w/M_n : 1.03$		1g
P10689A-BdOH	$M_n \times 10^3 : 20$	$M_w/M_n : 1.09$		1g
P2094-BdOH	$M_n \times 10^3 : 20.4$	$M_w/M_n : 1.05$		1g
P2093-BdOH	$M_n \times 10^3 : 21.3$	$M_w/M_n : 1.03$		1g
P4967-BdOH	$M_n \times 10^3 : 22.5$	$M_w/M_n : 1.03$		1g
P41858-BdOH	$M_n \times 10^3 : 28.5$	$M_w/M_n : 1.03$	1,4-addition: 90%	1g
P19909-BdOH	$M_n \times 10^3 : 32$	$M_w/M_n : 1.08$		1g
P11220-BdOH	$M_n \times 10^3 : 35$	$M_w/M_n : 1.09$		1g
P4969-BdOH	$M_n \times 10^3 : 38$	$M_w/M_n : 1.05$		1g
P9748-BdOH	$M_n \times 10^3 : 40$	$M_w/M_n : 1.07$		1g
P19587A-BdOH	$M_n \times 10^3 : 47$	$M_w/M_n : 1.1$		1g
P41407-BdOH	$M_n \times 10^3 : 56.5$	$M_w/M_n : 1.07$		1g
P11201-BdOH	$M_n \times 10^3 : 60$	$M_w/M_n : 1.09$		1g
P19495-BdOH	$M_n \times 10^3 : 70$	$M_w/M_n : 1.1$		1g
P4233-BdOH	$M_n \times 10^3 : 101$	$M_w/M_n : 1.04$		1g

Poly(2-vinyl pyridine), α -allyl-terminated 機能性ポリマー

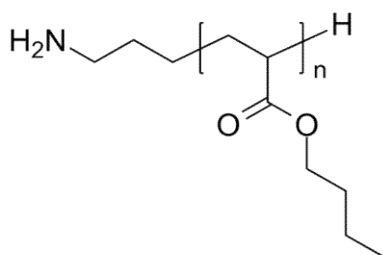
Poly(vinyl pyridine), functionalized



P41542-2VP-allyl	$M_n \times 10^3$: 1	Mw/Mn : 1.15	R1	1g
P41543-2VP-allyl	$M_n \times 10^3$: 5.5	Mw/Mn : 1.02	R1	1g
P42285-2VP-allyl	$M_n \times 10^3$: 8.5	Mw/Mn : 1.02	R2	1g

Poly(n-butyl acrylate), α -amino-terminated 機能性ポリマー

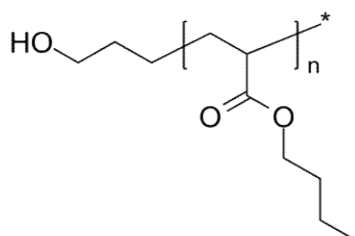
Poly([alkyl] acrylate), functionalized



P9984A-nBuANH2	$M_n \times 10^3$: 108	Mw/Mn : 2.5		1g
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Poly(n-butyl acrylate), α -hydroxy-terminated 機能性ポリマー

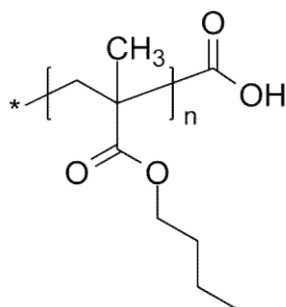
Poly([alkyl] acrylate), functionalized



P1755-nBuAOH	$M_n \times 10^3$: 2.1	Mw/Mn : 1.08	f = 85%	1g
P1733-nBuAOH	$M_n \times 10^3$: 3	Mw/Mn : 1.16	f = 85%	1g
P2605-nBuAOH	$M_n \times 10^3$: 4.5	Mw/Mn : 1.21		1g

Poly(n-butyl methacrylate), α -carboxy-terminated**機能性ポリマー**

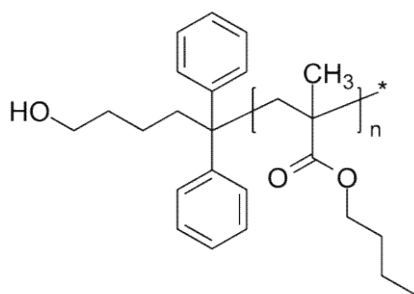
Poly(butyl methacrylate), functionalized



P2347-nBuMACOOH	$M_n \times 10^3$: 1.9	M_w/M_n : 1.19	$f=98\%$	1g
P2021-nBuMACOOH	$M_n \times 10^3$: 5.2	M_w/M_n : 1.06	$f=99\%$	1g
P2018-nBuMACOOH	$M_n \times 10^3$: 6.8	M_w/M_n : 1.07	$f=90\%$	1g
P2348-nBuMACOOH	$M_n \times 10^3$: 8.5	M_w/M_n : 1.1	$f=98\%$	1g

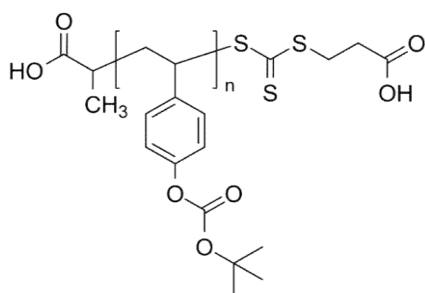
Poly(n-butyl methacrylate), α -hydroxy-terminated**機能性ポリマー**

Poly(butyl methacrylate), functionalized



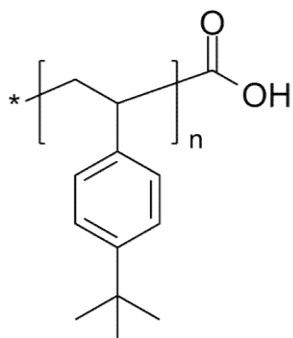
P9323-nBuMAOH	$M_n \times 10^3$: 34	M_w/M_n : 1.4	$f>98\%$	1g
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Poly(4-[tert-butoxycarbonyl]oxy-styrene), α,ω -bis(carboxylic acid)-terminated 機能性ポリマー
Poly(substituted styrene derivatives), functionalized



P40797E-4BOCS	$M_n \times 10^3$: 6	M_w/M_n : 1.2	1g
P40797A-4BOCS	$M_n \times 10^3$: 9.5	M_w/M_n : 1.27	1g
P40797F-4BOCS	$M_n \times 10^3$: 11	M_w/M_n : 1.35	1g
P40797B-4BOCS	$M_n \times 10^3$: 15.5	M_w/M_n : 1.3	1g
P40797C-4BOCS	$M_n \times 10^3$: 16	M_w/M_n : 1.23	1g
P40797D-4BOCS	$M_n \times 10^3$: 16	M_w/M_n : 1.2	1g
P40794-4BOCS	$M_n \times 10^3$: 17	M_w/M_n : 1.07	1g

Poly(4-tert-butyl styrene), ω -carboxy-terminated 機能性ポリマー
Poly(substituted styrene derivatives), functionalized



P3664-4tBuSCOOH	$M_n \times 10^3$: 2	M_w/M_n : 1.08	1g
P3665-4tBuSCOOH	$M_n \times 10^3$: 4	M_w/M_n : 1.08	1g
P3661-4tBuSCOOH	$M_n \times 10^3$: 15	M_w/M_n : 1.09	1g
P3663-4tBuSCOOH	$M_n \times 10^3$: 21	M_w/M_n : 1.09	1g

機能性ポリマー

*CC(C(C1=CC=C(C=C1)C(C)(C)C)CO)CCn

P3741B-4tBuSOH	$M_n \times 10^3: 0.7$	$M_w/M_n: 1.14$	1g
P3741A-4tBuSOH	$M_n \times 10^3: 0.9$	$M_w/M_n: 1.13$	1g
P3742B-4tBuSOH	$M_n \times 10^3: 1.7$	$M_w/M_n: 1.08$	1g
P3742A-4tBuSOH	$M_n \times 10^3: 2.2$	$M_w/M_n: 1.09$	1g

機能性ポリマー

CC(C)C(=O)OCCS

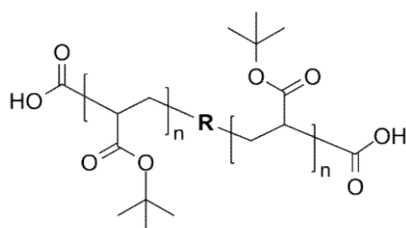
P20167A-tBuASH	Mn x 10 ³ : 3.5	Mw/Mn: 1.3	SH functionality >99%	1g
P20166A-tBuASH	Mn x 10 ³ : 4	Mw/Mn: 1.3	SH functionality >99%	1g
P41479A-tBuASH	Mn x 10 ³ : 13	Mw/Mn: 1.2	SH functionality >99%	1g
P41481A-tBuASH	Mn x 10 ³ : 19.5	Mw/Mn: 1.27	SH functionality >99%	1g

機構性ポリマー

CCOC(C)CCC(C)(c1ccccc1)c2ccccc2C(=O)OC(C)(C)C

P8827-tBuA-acetal	$M_n \times 10^3: 2$	$M_w/M_n: 1.2$	1g
P8826-tBuA-acetal	$M_n \times 10^3: 2.5$	$M_w/M_n: 1.2$	1g
P10118-tBuA-acetal	$M_n \times 10^3: 4$	$M_w/M_n: 1.18$	1g

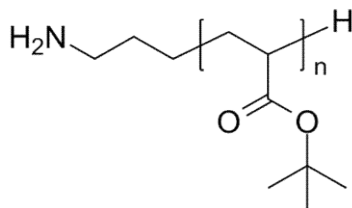
Poly(tert-butyl acrylate), α,ω -bis(carboxy)-terminated 機能性ポリマー
Poly([alkyl] acrylate), functionalized



Comments: Comments Column: "f" degree of functionalization

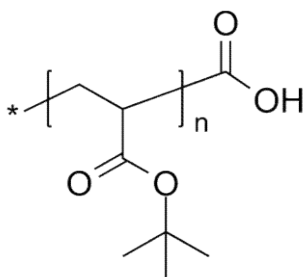
P1941-tBuA2COOH	$M_n \times 10^3$: 4.2	Mw/Mn : 1.3	95%	1g
P1942-tBuA2COOH	$M_n \times 10^3$: 5.2	Mw/Mn : 1.15	95%	1g
P8821-tBuA2COOH	$M_n \times 10^3$: 5.5	Mw/Mn : 1.17	95%	1g
P8817-tBuA2COOH	$M_n \times 10^3$: 10	Mw/Mn : 1.15	95%	1g
P8820-tBuA2COOH	$M_n \times 10^3$: 16	Mw/Mn : 1.13	95%	1g
P8819-tBuA2COOH	$M_n \times 10^3$: 24	Mw/Mn : 1.14	95%	1g
P8818-tBuA2COOH	$M_n \times 10^3$: 32	Mw/Mn : 1.18	95%	1g

Poly(tert-butyl acrylate), α -amino-terminated 機能性ポリマー
Poly([alkyl] acrylate), functionalized



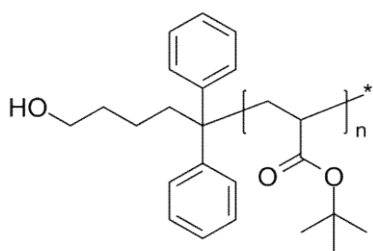
P5836-tBuANH2	$M_n \times 10^3$: 1.6	Mw/Mn : 1.5	0.5g
P9840-tBuANH2	$M_n \times 10^3$: 5	Mw/Mn : 1.3	0.5g

Poly(tert-butyl acrylate), α -carboxy-terminated 機能性ポリマー
Poly([alkyl] acrylate), functionalized



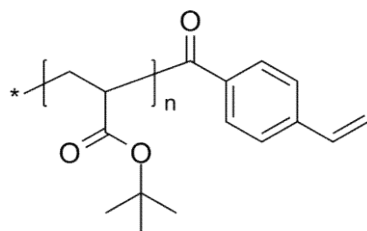
P1937-tBuACOOH	$M_n \times 10^3$: 4.2	Mw/Mn : 1.25	95%	1g
P1940-tBuACOOH	$M_n \times 10^3$: 6.5	Mw/Mn : 1.06	95%	1g
P2994-tBuACOOH	$M_n \times 10^3$: 42	Mw/Mn : 1.12	90%	1g

Poly(*tert*-butyl acrylate), α -hydroxy-terminated 機能性ポリマー
Poly([alkyl] acrylate), functionalized



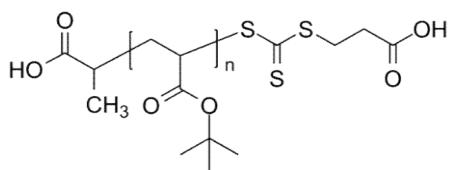
P9754A-tBuAOH	$M_n \times 10^3$: 4.3	M_w/M_n : 1.15	1g
P9322-tBuAOH	$M_n \times 10^3$: 6	M_w/M_n : 1.13	1g

Poly(*tert*-butyl acrylate), α -vinyl-terminated 機能性ポリマー
Poly([alkyl] acrylate), functionalized



P2565-tBuAVinyl	$M_n \times 10^3$: 5	M_w/M_n : 1.16	f = 90%	1g
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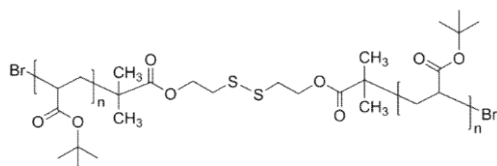
Poly(*tert*-butyl acrylate), ω -RAFT-terminated 機能性ポリマー
RAFT agents (macroinitiators)



P16010-1-tBuARAFT	$M_n \times 10^3$: 22	M_w/M_n : 1.3	1g
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Poly(tert-butyl acrylate), with disulfide group in center of polymer chain 機能性ポリマー

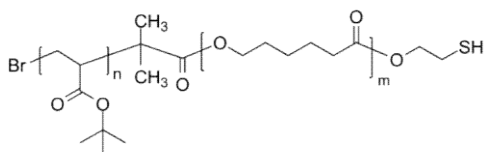
Poly([alkyl] acrylate), functionalized



P20167-tBuA2SS	$M_n \times 10^3 : 5^*$	$M_w/M_n : 1.3$	*Mn by GPC. (Mn by H-NMR: 13 kDa)	1g
P20166-tBuA2SS	$M_n \times 10^3 : 8^*$	$M_w/M_n : 1.3$	*by GPC	1g
P41199-tBuA2SS	$M_n \times 10^3 : 20$	$M_w/M_n : 2.8$		1g

Poly(tert-butyl acrylate)-b-poly(ϵ -caprolactone), ω -thiol-terminated

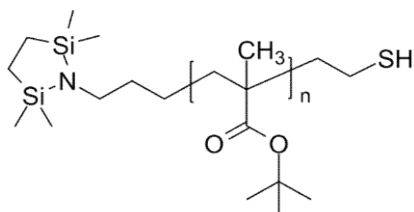
Functionalized Diblock Copolymer



P20007B1A-tBuACLSH	$M_n \times 10^3 : 2\text{-}b\text{-}1.6$	$M_w/M_n : 1.2$	1g
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Poly(tert-butyl methacrylate), (α -amino [protected end-group], ω -thiol)-terminated 機能性ポリマー

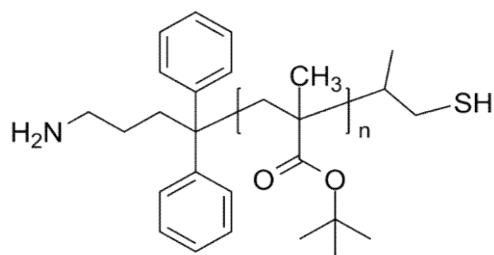
Poly(butyl methacrylate), functionalized



P4068-SiNPtBuMASH	$M_n \times 10^3 : 2.9$	$M_w/M_n : 1.23$	1g
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Poly(*tert*-butyl methacrylate), (α -amino, ω -thiol)-terminated 機能性ポリマー

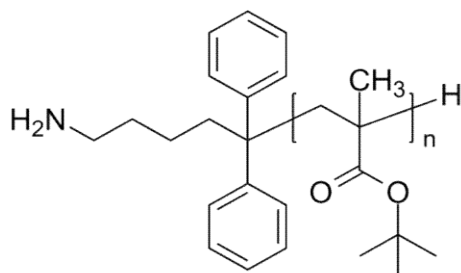
Poly(butyl methacrylate), functionalized



P9838-tBuMANH2SH	$M_n \times 10^3 : 9$	Mw/Mn : 1.15	1g
P9838A-tBuMANH2SH	$M_n \times 10^3 : 11.5$	Mw/Mn : 1.3	1g

Poly(*tert*-butyl methacrylate), α -aminodiphenylpentyl-terminated 機能性ポリマー

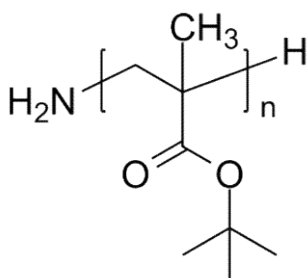
Poly(butyl methacrylate), functionalized



P19091-tBuMANH2	$M_n \times 10^3 : 8$	Mw/Mn : 1.14	1g
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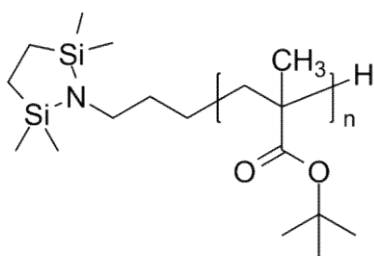
Poly(*tert*-butyl methacrylate), α -amino-terminated 機能性ポリマー

Poly(butyl methacrylate), functionalized



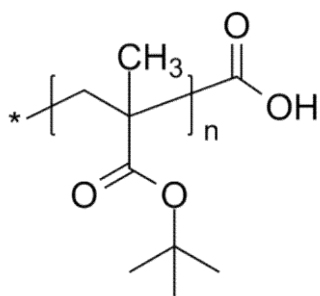
P3544-tBuMANH2	$M_n \times 10^3 : 26$	Mw/Mn : 1.11	1g
P3541-tBuMANH2	$M_n \times 10^3 : 29$	Mw/Mn : 1.2	1g
P6007-tBuMANH2	$M_n \times 10^3 : 81.8$	Mw/Mn : 1.25	1g
P6008-tBuMANH2	$M_n \times 10^3 : 119.5$	Mw/Mn : 1.2	1g

Poly(tert-butyl methacrylate), α -amino-terminated, protected end-group 機能性ポリマー
Poly(butyl methacrylate), functionalized



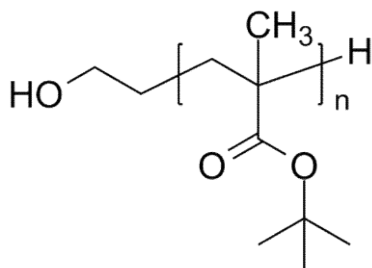
P4061-SiNPtBuMA	$M_n \times 10^3$: 2.25	M_w/M_n : 1.3	1g
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Poly(tert-butyl methacrylate), α -carboxy-terminated 機能性ポリマー
Poly(butyl methacrylate), functionalized



P18032-tBuMACOOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.18		1g
P18033-tBuMACOOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.2		1g
P4383-tBuMACOOH	$M_n \times 10^3$: 3.8	M_w/M_n : 1.12	98%	1g
P4857-tBuMACOOH	$M_n \times 10^3$: 4	M_w/M_n : 1.05	98%	1g
P4512-tBuMACOOH	$M_n \times 10^3$: 4.5	M_w/M_n : 1.15	98%	1g
P8133-tBuMACOOH	$M_n \times 10^3$: 6	M_w/M_n : 1.2	95%	1g
P8132-tBuMACOOH	$M_n \times 10^3$: 6.5	M_w/M_n : 1.15		1g
P8889A-tBuMACOOH	$M_n \times 10^3$: 15	M_w/M_n : 1.4	isotactic; f = 85%	1g
P8889B-tBuMACOOH	$M_n \times 10^3$: 15	M_w/M_n : 1.35	isotactic; f = 85%	1g
P8891A-tBuMACOOH	$M_n \times 10^3$: 23	M_w/M_n : 1.4	isotactic; f = 85%	1g
P8891B-tBuMACOOH	$M_n \times 10^3$: 24	M_w/M_n : 1.4	isotactic; f = 90%	1g

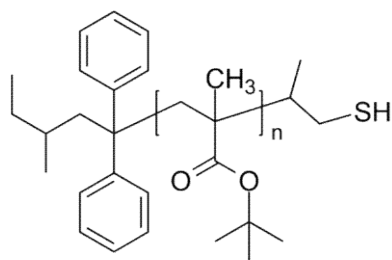
Poly(tert-butyl methacrylate), α -hydroxy-terminated 機能性ポリマー
Poly(butyl methacrylate), functionalized



P1649-tBuMAOH	$M_n \times 10^3$: 11	M_w/M_n : 1.23	f=85%	1g
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Poly(tert-butyl methacrylate), α -thiol-terminated**機能性ポリマー**

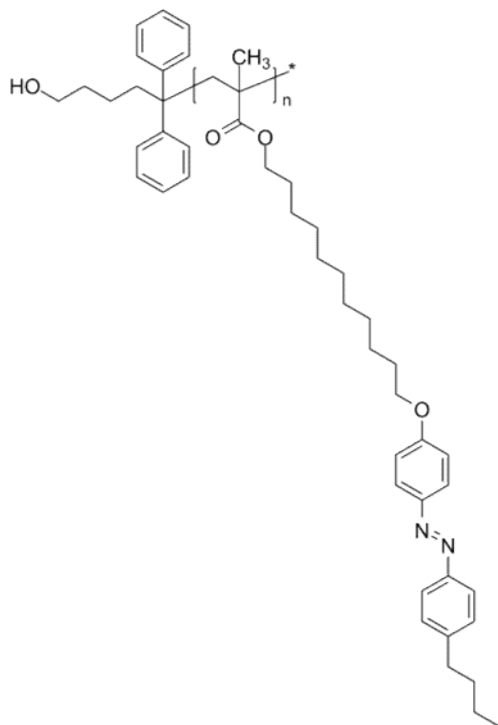
Poly(butyl methacrylate), functionalized



P8385-tBuMASH	$M_n \times 10^3$: 1.8	M_w/M_n : 1.35	$f > 70\%$	1g
P7595-tBuMASH	$M_n \times 10^3$: 5	M_w/M_n : 1.2	$f > 22\%$	1g

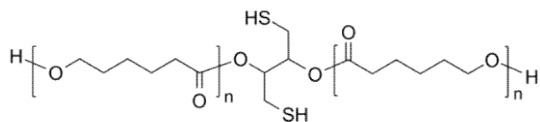
Poly(11-[4-(4-butylphenylazo)phenoxy]-undecyl methacrylate), α -hydroxy-terminated**機能性ポリマー**

Poly([alkyl] methacrylate), functionalized



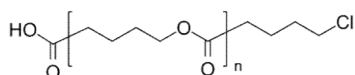
P9562-AzoMAOH	$M_n \times 10^3$: 13	M_w/M_n : 1.2	0.5g
P9565-AzoMAOH	$M_n \times 10^3$: 17	M_w/M_n : 1.13	0.5g

Poly(ϵ -caprolactone), with dithiol group in center of polymer chain 機能性ポリマー
Poly(ϵ -caprolactone), functionalized



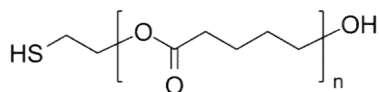
P20103-CL2SH	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.2$	1g
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Poly(δ -valerolactone), (α -carboxy, ω -chloro)-terminated 機能性ポリマー
Poly(δ -valerolactone), functionalized



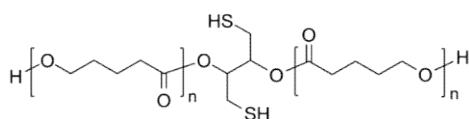
P20070-VL-COOHCl	$M_n \times 10^3 : 5$	$M_w/M_n : 1.4$	1g
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Poly(δ -valerolactone), (α -thiol, ω -hydroxy)-terminated 機能性ポリマー
Poly(δ -valerolactone), functionalized



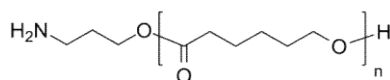
P20059-VLOHSH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.3$	1g
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Poly(δ -valerolactone), with dithiol group in center of polymer chain 機能性ポリマー
Poly(valerolactone), functionalized



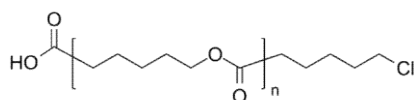
P20104-VL2SH	$M_n \times 10^3 : 5.4$	$M_w/M_n : 1.3$	1g
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Poly(ϵ -caprolactone), (α -amino, ω -hydroxy)-terminated 機能性ポリマー
Poly(caprolactone), functionalized



P10940-CLNH2	$M_n \times 10^3 : 3.2$	$M_w/M_n : 1.8$	1g
P10932B-CLNH2	$M_n \times 10^3 : 3.8$	$M_w/M_n : 1.6$	1g

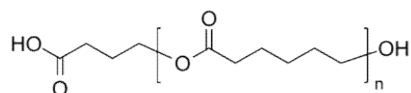
Poly(ϵ -caprolactone), (α -carboxy, ω -chloro)-terminated 機能性ポリマー
Poly(caprolactone), functionalized



P20030A-CL-COOHCl	$M_n \times 10^3 : 2.3$	$M_w/M_n : 1.3$	1g
P20062-CL-COOHCl	$M_n \times 10^3 : 5.7$	$M_w/M_n : 1.8$	1g

Poly(ϵ -caprolactone), (α -carboxy, ω -hydroxy)-terminated 機能性ポリマー

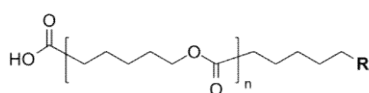
Poly(caprolactone), functionalized



P20110A-CL-COOH ₂ OH	$M_n \times 10^{-3} : 1.9$	$M_w/M_n : 1.1$	1g
P20108-CL-COOH ₂ OH	$M_n \times 10^{-3} : 5.2$	$M_w/M_n : 1.4$	1g

Poly(ϵ -caprolactone), (α -carboxy, ω -hydroxy/chloro)-terminated 機能性ポリマー

Poly(caprolactone), functionalized

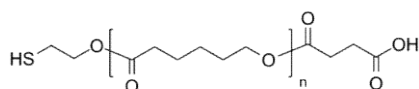


R = -Cl or -OH

P20110B-CL-COOH ₂ OHCl	$M_n \times 10^{-3} : 3$	$M_w/M_n : 1.1$	Ratio OH:Cl = 70:30	1g
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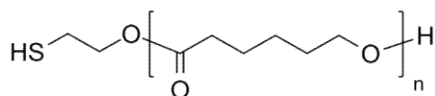
Poly(ϵ -caprolactone), (α -thiol, ω -carboxy)-terminated 機能性ポリマー

Poly(caprolactone), functionalized



P20022B-CLCOOHSH	$M_n \times 10^{-3} : 4$	$M_w/M_n : 1.3$	1g
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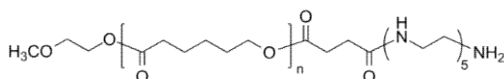
Poly(ϵ -caprolactone), (α -thiol, ω -hydroxy)-terminated 機能性ポリマー
 Poly(caprolactone), functionalized



Comments: Comments section illustrates the degree of end-group SH-functionality.

P20014-CLOHSH	$M_n \times 10^3 : 1.5$	Mw/Mn : 1.3	SH functionality >50%	1g
P20016B-CLOHSH	$M_n \times 10^3 : 1.7$	Mw/Mn : 1.2	SH functionality >90%	1g
P20164-CLOHSH	$M_n \times 10^3 : 1.7$	Mw/Mn : 1.2	SH functionality >95%	1g
P20064-CLOHSH	$M_n \times 10^3 : 2.1$	Mw/Mn : 1.2	SH functionality >95%	1g
P20005-CLOHSH	$M_n \times 10^3 : 2.3$	Mw/Mn : 1.3	SH functionalit >50%	1g
P19027-CLOHSH	$M_n \times 10^3 : 2.8$	Mw/Mn : 1.3	SH functionality >60%	1g
P20042-CLOHSH	$M_n \times 10^3 : 3.2$	Mw/Mn : 1.7	SH functionality >85%	1g
P20056-CLOHSH	$M_n \times 10^3 : 3.6$	Mw/Mn : 1.2	SH functionality >95%	1g
P20006EF-CLOHSH	$M_n \times 10^3 : 3.6$	Mw/Mn : 1.3	SH functionality >90%	1g
P20160A-CLOHSH	$M_n \times 10^3 : 3.9$	Mw/Mn : 1.52	SH functionality >93%	1g
P20190A-CLOHSH	$M_n \times 10^3 : 4$	Mw/Mn : 1.45	SH functionality = 82%	1g
P20160B-CLOHSH	$M_n \times 10^3 : 4.3$	Mw/Mn : 1.37	SH functionality >85%	1g
P14749-CLOHSH	$M_n \times 10^3 : 5.5$	Mw/Mn : 1.3	SH functionality >80%	1g
P19026-CLOHSH	$M_n \times 10^3 : 5.7$	Mw/Mn : 1.3		1g
P20160C-CLOHSH	$M_n \times 10^3 : 11.6$	Mw/Mn : 1.19	SH functionality >62%	1g
P20160D-CLOHSH	$M_n \times 10^3 : 15$	Mw/Mn : 1.09	SH functionality >62%	1g

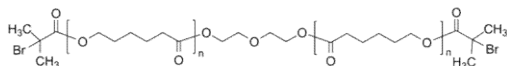
Poly(ϵ -caprolactone), ω -(pentaethylene-hexamine)-terminated 機能性ポリマー
 Poly(caprolactone), functionalized



P20026-2_CL-PEHA	$M_n \times 10^3 : 2$	Mw/Mn : 1.5		1g
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Poly(ϵ -caprolactone), α,ω -bis(bromo)-terminated 機能性ポリマー

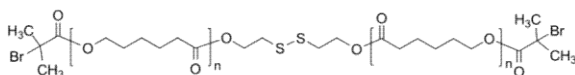
Poly(caprolactone), functionalized



P7122-CL2Br	$M_n \times 10^3$: 1.1	M_w/M_n : 1.2	1g
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Poly(ϵ -caprolactone), α,ω -bis(bromo)-terminated; with disulfide group in center of polymer chain 機能性ポリマー

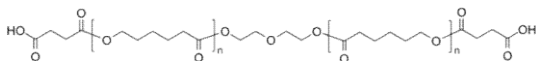
Poly(caprolactone), functionalized



P20007B-CL2Brdisulf	$M_n \times 10^3$: 3.2	M_w/M_n : 1.22	1g
P20022A2-CL2Brdisulf	$M_n \times 10^3$: 7	M_w/M_n : 1.1	1g

Poly(ϵ -caprolactone), α,ω -bis(carboxy)-terminated 機能性ポリマー

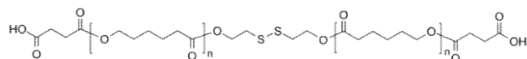
Poly(caprolactone), functionalized



P7139-CL2COOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.2	1g
P7160-CL2COOH	$M_n \times 10^3$: 7.2	M_w/M_n : 1.11	1g

Poly(ϵ -caprolactone), α,ω -bis(carboxy)-terminated; with disulfide group in center of polymer chain
Poly(caprolactone), functionalized

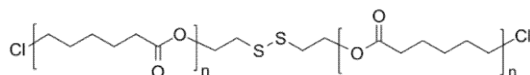
機能性ポリマー



P20022Bre-CL2COOHdisulf	$M_n \times 10^3 : 7$	$M_w/M_n : 1.1$	1g
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Poly(ϵ -caprolactone), α,ω -bis(chloro)-terminated; with disulfide group in center of polymer chain
Poly(caprolactone), functionalized

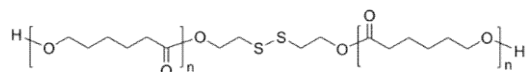
機能性ポリマー



P20015C-CL2Cldisulf	$M_n \times 10^3 : 4$	$M_w/M_n : 1.3$	1g
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Poly(ϵ -caprolactone), α,ω -bis(hydroxy)-terminated; with disulfide group in center of polymer chain
Poly(caprolactone), functionalized

機能性ポリマー

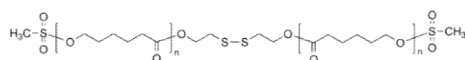


P20015-CL-disulf	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.2$	1g
P20057-CL-disulf	$M_n \times 10^3 : 6.4$	$M_w/M_n : 1.2$	1g
P20022-CL-disulf	$M_n \times 10^3 : 7$	$M_w/M_n : 1.1$	1g

Poly(ϵ -caprolactone), α,ω -bis(methanesulfonyl)-terminated; with disulfide group in center of polymer chain

機能性ポリマー

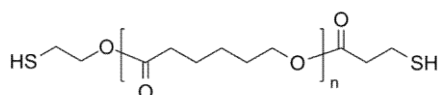
Poly(caprolactone), functionalized



P20006H-CL2MeSdisulf	Mn x 10 ³ : 6.5	Mw/Mn : 1.3	1g
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Poly(ϵ -caprolactone), α,ω -bis(thiol)-terminated 機能性ポリマー

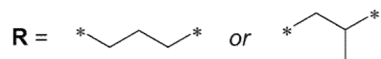
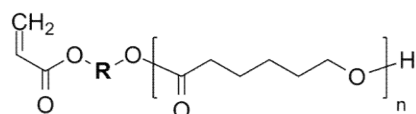
Poly(caprolactone), functionalized



P20022E1-CL2SH	Mn x 10 ³ : 3.5	Mw/Mn : 1.4	1g
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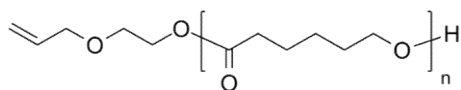
Poly(ϵ -caprolactone), α -acrylate-terminated 機能性ポリマー

Polylactides and Polylactones, functionalized



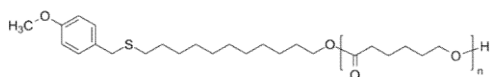
P7144-CL-vinyl	Mn x 10 ³ : 7.1	Mw/Mn : 1.4	1g
P7143-CL-vinyl	Mn x 10 ³ : 11.2	Mw/Mn : 1.4	1g

Poly(caprolactone), functionalized



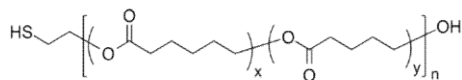
P6485-CL-allyl	$M_n \times 10^3 : 5$	$M_w/M_n : 1.15$	1 g
P7145-CL-allyl	$M_n \times 10^3 : 10.2$	$M_w/M_n : 1.3$	1 g

Poly(caprolactone), functionalized



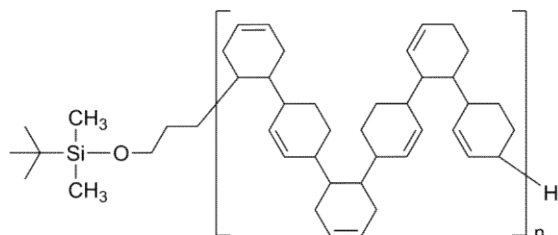
P20028-CL-SR	$M_n \times 10^3$: 5.6	M_w/M_n : 1.1	1 g
P20009-CL-SR	$M_n \times 10^3$: 6.2	M_w/M_n : 1.25	1 g

Functionalized Random Copolymer



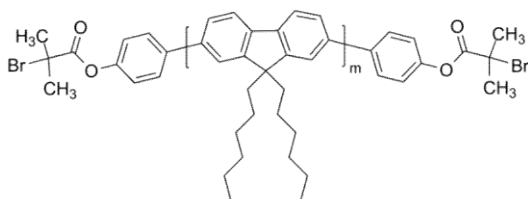
P20111-CLVLOSHS	$M_n \times 10^3$: 3	M_w/M_n : 1.2	SH functionality > 90%	1g
P14749B-CLVLOSHS	$M_n \times 10^3$: 8.5	M_w/M_n : 1.2	SH functionality > 60%	1g

Poly(cyclohexadiene), α -(tert-butyldimethylsiloxy)-terminated 機能性ポリマー
Polydienes, functionalized



P9464-CHD-OHP	$M_n \times 10^3 : 0.8$	$M_w/M_n : 1.2$	0.5g
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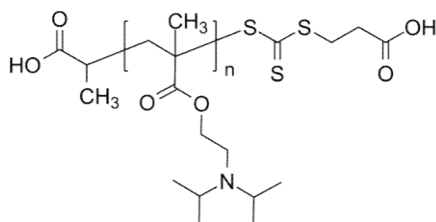
Poly(9,9-n-dihexyl-2,7-fluorene), α,ω -bis(bromo)-terminated 機能性ポリマー
Poly(9,9-dihexyl fluorene), functionalized



This is a macroinitiator for ring-opening polymerization.

P6042-DHFBr	$M_n \times 10^3 : 2.9$	$M_w/M_n : 1.62$	0.5g
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Poly(N,N-diisopropylaminoethyl methacrylate), α,ω -bis(carboxylic acid)-terminated 機能性ポリマー
Poly([alkyl] methacrylate), functionalized

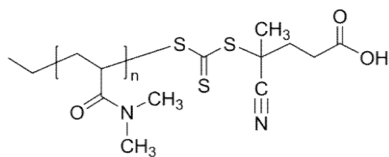


P40840B-DIPAEMA	$M_n \times 10^3 : 19$	$M_w/M_n : 2$	1g
P40840C-DIPAEMA	$M_n \times 10^3 : 22$	$M_w/M_n : 1.6$	1g
P40840D-DIPAEMA	$M_n \times 10^3 : 32$	$M_w/M_n : 1.7$	1g

Poly(N,N-dimethyl acrylamide), ω -RAFT-terminated

RAFT: 4-Cyano-4-[(ethylsulfanylthiocarbonyl)sulfanyl]pentanoic acid.

RAFT agents (macroinitiators)

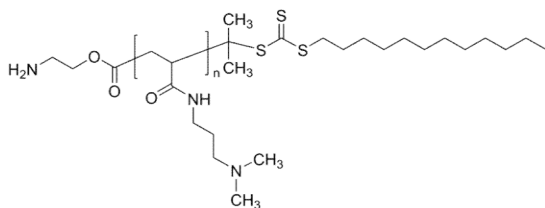


P41433-DMA-RAFT	$M_n \times 10^3$: 7	M_w/M_n : 1.3	1g
P41432-DMA-RAFT	$M_n \times 10^3$: 10.5	M_w/M_n : 1.06	1g
P41431-DMA-RAFT	$M_n \times 10^3$: 21	M_w/M_n : 1.15	1g

新製品 : Poly(N,N-dimethylaminopropyl acrylamide), α -amino-terminated

機能性ポリマー

Polyacrylamides, functionalized

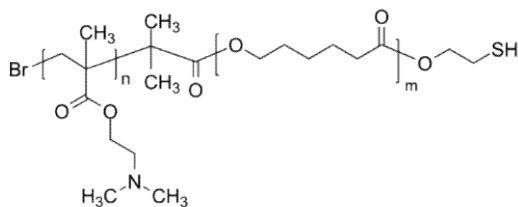


P41814-DMA-PAMD-NH2	$M_n \times 10^3$: 2.6	M_w/M_n : 1.3	1g
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Poly(2-dimethylaminoethyl methacrylate)-b-poly(ϵ -caprolactone), ω -thiol-terminated

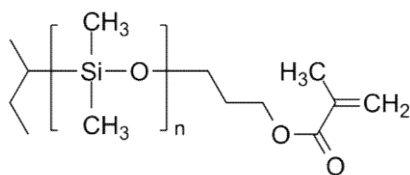
機能性ブロックコポリマー

Functionalized Diblock Copolymer



P20007B7-1A-DMAEMACLSH	$M_n \times 10^3$: 1.5-b-1.6	M_w/M_n : 1.4	1g
P20022A2-2A-DMAEMACLSH	$M_n \times 10^3$: 3.1-b-3.4	M_w/M_n : 1.4	1g
P20007B7-2A-DMAEMACLSH	$M_n \times 10^3$: 3.3-b-1.6	M_w/M_n : 1.5	1g

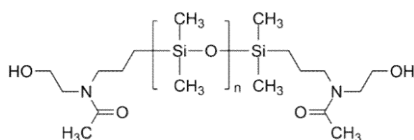
Poly(dimethylsiloxane), ω -methacrylate-terminated 機能性ポリマー
Polysiloxanes, functionalized



Comments: Comments Column: Methacrylate end group functionality

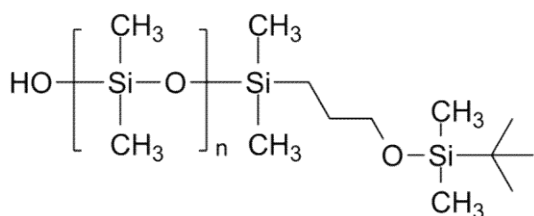
P8369-DMSMA	$M_n \times 10^3 : 1$	Mw/Mn : 1.2	98%	1g
P8368-DMSMA	$M_n \times 10^3 : 5$	Mw/Mn : 1.06	98%	1g
P3327-DMSMA	$M_n \times 10^3 : 8.9$	Mw/Mn : 1.1	98%	1g
P3328-DMSMA	$M_n \times 10^3 : 9.1$	Mw/Mn : 1.12	98%	1g

Poly(dimethylsiloxane), α,ω -bis(methyloxazoline)-terminated 機能性ポリマー
Polysiloxanes, functionalized



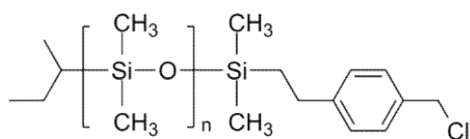
P11148-DMS2MEOXZ	$M_n \times 10^3 : 2.6$	Mw/Mn : 1.3	1g
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Poly(dimethylsiloxane), (α -tert-butyl dimethyl siloxy, ω -silanol)-terminated 機能性ポリマー
Polysiloxanes, functionalized



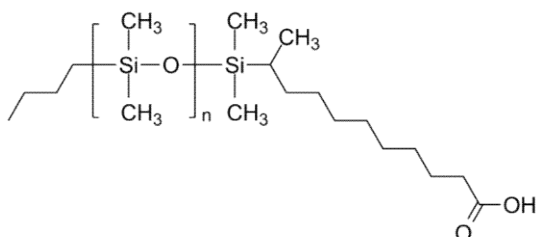
P5657-DMS-SiOH	$M_n \times 10^3 : 2.3$	Mw/Mn : 1.1	f>99%	1g
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Poly(dimethylsiloxane), ω -(benzyl chloride)-terminated 機能性ポリマー
 Polysiloxanes, functionalized



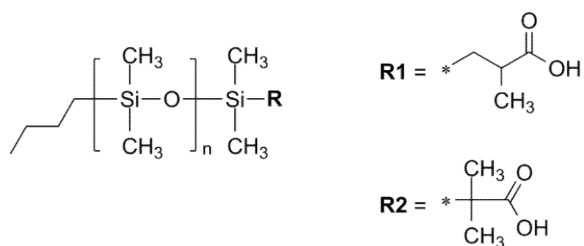
P10618A-DMSBzCl	$M_n \times 10^3 : 0.5$	$M_w/M_n : 1.15$	1g
P10618B-DMSBzCl	$M_n \times 10^3 : 0.5$	$M_w/M_n : 1.16$	1g
P10619A-DMSBzCl	$M_n \times 10^3 : 0.6$	$M_w/M_n : 1.15$	1g
P10650C-DMSBzCl	$M_n \times 10^3 : 1$	$M_w/M_n : 1.2$	1g
P10649B-DMSBzCl	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.15$	1g
P10622-DMSBZCL	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.15$	1g

Poly(dimethylsiloxane), ω -(carboxy decyl)-terminated 機能性ポリマー
 Polysiloxanes, functionalized



P18578-DMS-C10COOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.2$	$f > 98\%$	1g
P4316-DMS-C10COOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.3$	$f > 98\%$	1g
P18613A-DMS-C10COOH	$M_n \times 10^3 : 2.7$	$M_w/M_n : 1.2$	$f > 98\%$	1g
P18615-DMS-C10COOH	$M_n \times 10^3 : 2.7$	$M_w/M_n : 1.2$	$f > 98\%$	1g
P18617-DMS-C10COOH	$M_n \times 10^3 : 2.7$	$M_w/M_n : 1.2$	$f > 98\%$	1g
P18616-DMS-C10COOH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.2$	$f > 98\%$	1g

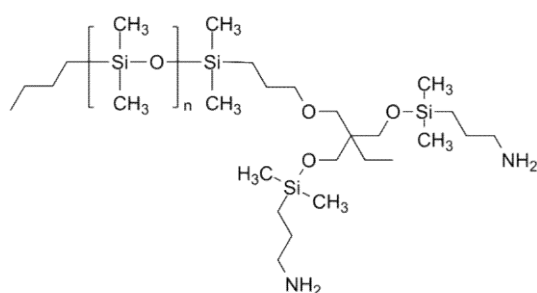
Poly(dimethylsiloxane), ω -(carboxy propyl)-terminated 機能性ポリマー
Polysiloxanes, functionalized



Comments: f = degree of functionalization

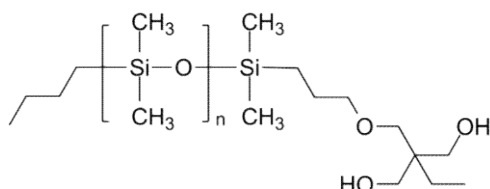
P18613B-DMSCOOH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.2$	$f > 98\%$	1g
P14713A-DMS-CH ₂ CH(CH ₃)COOH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.2$	$f > 90\%$	1g

Poly(dimethylsiloxane), ω -(diamino)-terminated 機能性ポリマー
Polysiloxanes, functionalized



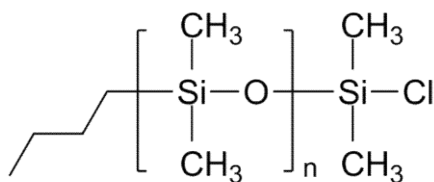
P19171A-DMS2NH ₂	$M_n \times 10^3 : 5$	$M_w/M_n : 1.07$	1g
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Poly(dimethylsiloxane), ω -(dicarbinol)-terminated 機能性ポリマー
Polysiloxanes, functionalized



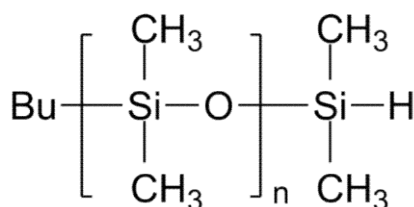
P19171-DMS2OH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.07$	1g
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Poly(dimethylsiloxane), ω -(dimethyl chlorosilane)-terminated 機能性ポリマー
Polysiloxanes, functionalized



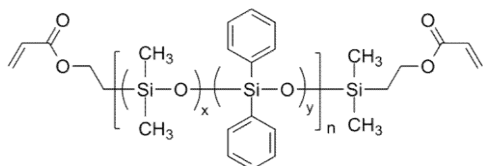
P1889-DMSSiCl	$M_n \times 10^3 : 7.9$	$M_w/M_n : 1.19$	1g
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Poly(dimethylsiloxane), ω -(dimethyl silane)-terminated 機能性ポリマー
Polysiloxanes, functionalized



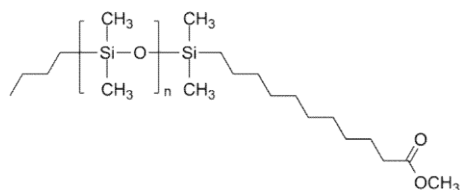
P7256-DMSSiH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.2$	1g
P14712-DMSSiH	$M_n \times 10^3 : 1.2$	$M_w/M_n : 1.2$	1g
P3238-DMSSiH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.2$	1g
P18604-DMSSiH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.2$	1g
P41002-DMSSiH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.13$	1g
P19134-DMSSiH	$M_n \times 10^3 : 6$	$M_w/M_n : 1.2$	1g
P19130-DMSSiH	$M_n \times 10^3 : 6$	$M_w/M_n : 1.18$	1g
P14713-DMSSiH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.2$	1g

Poly(dimethyl siloxane-co-diphenyl siloxane), α,ω -bis(acrylate)-terminated 機能性ランダムコポリマー
Functionalized Random Copolymer



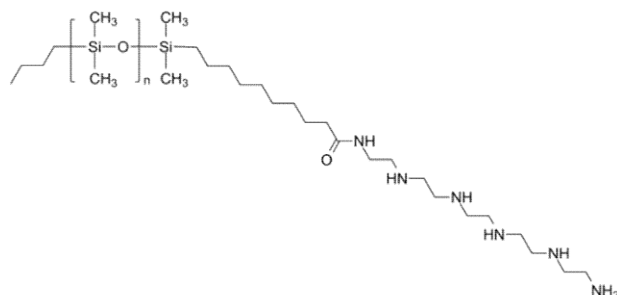
P7235-DMSDPS-2Acrylate	$M_n \times 10^3 : 12$	$M_w/M_n : 1.4$	DPS=17mol% ; f=60%	1g
P8747-DMSDPS-2Acrylate	$M_n \times 10^3 : 12$	$M_w/M_n : 1.4$	DPS=17mol% ; f=90%	1g

Poly(dimethylsiloxane), ω -(methyl undecanoate)-terminated 機能性ポリマー
Polysiloxanes, functionalized



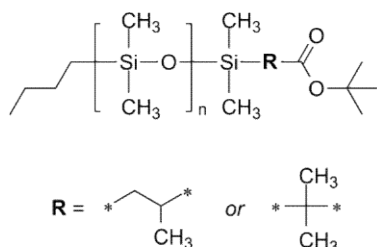
P18584-DMSC10COOMe	$M_n \times 10^3 : 3$	$M_w/M_n : 1.12$	1g
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Poly(dimethylsiloxane), ω -(pentaethylene hexamine)-terminated 機能性ポリマー
Polysiloxanes, functionalized



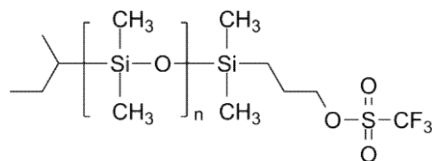
P18614-DMS-PEHA	$M_n \times 10^3 : 2.8$	$M_w/M_n : 1.2$	1g
P18613A-DMS-PEHA	$M_n \times 10^3 : 2.8$	$M_w/M_n : 1.2$	1g

Poly(dimethylsiloxane), ω -(tert-butyl ester)-terminated 機能性ポリマー



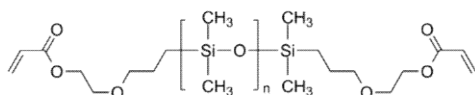
P18604B-DMSCOOC4H9	$M_n \times 10^3 : 3$	$M_w/M_n : 1.2$	$f > 0.75$	1g
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Poly(dimethylsiloxane), ω -(trifluoromethyl sulfonyl)-terminated 機能性ポリマー
Polysiloxanes, functionalized



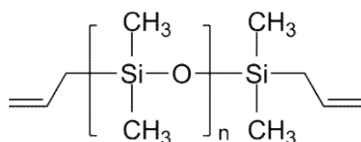
P11392-DMSCF3	$M_n \times 10^3 : 5$	$M_w/M_n : 1.25$		1g
P11393-DMSCF3	$M_n \times 10^3 : 8$	$M_w/M_n : 1.25$	$\geq 99\%$	1g

Poly(dimethylsiloxane), α,ω -bis(acryloxy)-terminated 機能性ポリマー
Polysiloxanes, functionalized



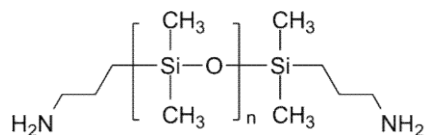
P40664-DMS2Acrylate	$M_n \times 10^3 : 0.7$	$M_w/M_n : 1.2$		1g
P8621A-DMS2Acrylate	$M_n \times 10^3 : 3$	$M_w/M_n : 1.4$		1g
P41890-DMS2Acrylate	$M_n \times 10^3 : 5$	$M_w/M_n : 1.6$		1g
P8621B-DMS2Acrylate	$M_n \times 10^3 : 5$	$M_w/M_n : 1.2$		1g

Poly(dimethylsiloxane), α,ω -bis(allyl)-terminated 機能性ポリマー
Polysiloxanes, functionalized



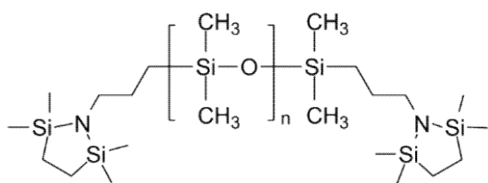
P5022-DMS2Allyl	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.33$		1g
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Poly(dimethylsiloxane), α,ω -bis(amino)-terminated 機能性ポリマー
 Polysiloxanes, functionalized



P4321-DMS2NH2	$M_n \times 10^3 : 2$	$M_w/M_n : 1.5$	1g
P8457-DMS2NH2	$M_n \times 10^3 : 3$	$M_w/M_n : 1.3$	1g
P8769-DMS2NH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.6$	1g
P6497-DMS2NH2	$M_n \times 10^3 : 6$	$M_w/M_n : 1.25$	1g
P9982-DMS2NH2	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.15$	1g

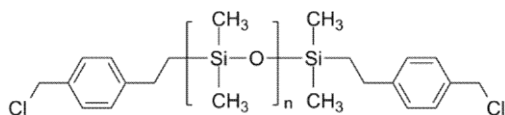
Poly(dimethylsiloxane), α,ω -bis(amino)-terminated, protected end-group 機能性ポリマー
 Polysiloxanes, functionalized



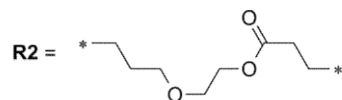
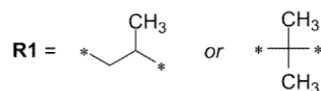
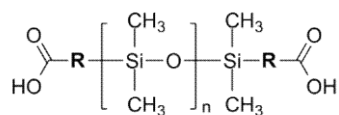
Comments: f stands for NH2 functionality

P9982A-DMS2NH2	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.18$	f>87%	1g
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Poly(dimethylsiloxane), α,ω -bis(benzyl chloride)-terminated 機能性ポリマー
 Polysiloxanes, functionalized



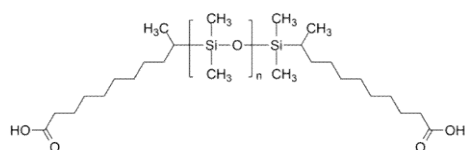
P8634-DMS2BzCl	$M_n \times 10^3 : 4$	$M_w/M_n : 1.3$	1g
P3182-DMS2BzCl	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.09$	1g

Poly(dimethylsiloxane), α,ω -bis(carboxy)-terminated 機能性ポリマー

P18904-DMS2COOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.09$	R2; $f > 90\%$	1g
P18903-DMS2COOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.25$	R2; $f > 90\%$	1g
P18552-DMS2COOH	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.5$	R2; $f > 90\%$	1g
P14755-DMS2COOH	$M_n \times 10^3 : 6$	$M_w/M_n : 1.3$	R1	1g

Poly(dimethylsiloxane), α,ω -bis(carboxy decyl)-terminated 機能性ポリマー

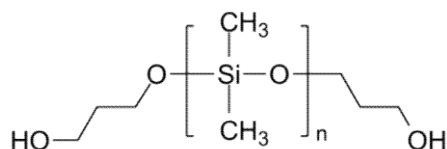
Polysiloxanes, functionalized



P14755-DMS2COOH	$M_n \times 10^3 : 6$	$M_w/M_n : 1.3$	1g
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Poly(dimethylsiloxane), α,ω -bis(hydroxy [carbinol])-terminated 機能性ポリマー

Polysiloxanes, functionalized



P11099BB-DMS2OH	$M_n \times 10^3 : 0.9$	$M_w/M_n : 1.09$	1g
P41712-DMS2OH	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.2$	1g
P3717-DMS2OH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.3$	1g
P11099CC-DMS2OH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.25$	1g
P19050-DMS2OH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.32$	1g

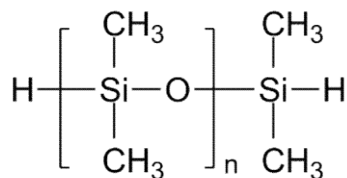
Poly(dimethylsiloxane), α,ω -bis(hydroxy [carbinol])-terminated 次ページに続く

前ページからの続き Poly(dimethylsiloxane), α,ω -bis(hydroxy [carbinol])-terminated

P19041-DMS2OH	Mn x 10 ³ : 3.8	Mw/Mn : 1.32	1g
P8363-DMS2OH	Mn x 10 ³ : 4	Mw/Mn : 1.5	1g
P10864A-DMS2OH	Mn x 10 ³ : 4	Mw/Mn : 1.3	1g
P3844-DMS2OH	Mn x 10 ³ : 4.5	Mw/Mn : 1.4	1g
P4319-DMS2OH	Mn x 10 ³ : 4.5	Mw/Mn : 1.5	1g
P3845-DMS2OH	Mn x 10 ³ : 4.8	Mw/Mn : 1.4	1g
P11473-DMS2OH	Mn x 10 ³ : 5	Mw/Mn : 1.6	1g
P11100AA-DMS2OH	Mn x 10 ³ : 5.5	Mw/Mn : 1.25	1g
P19033-DMS2OH	Mn x 10 ³ : 7	Mw/Mn : 1.45	1g
P19034-DMS2OH	Mn x 10 ³ : 7.5	Mw/Mn : 1.45	1g
P9543-DMS2OH	Mn x 10 ³ : 9	Mw/Mn : 1.08	1g
P18218-DMS2OH	Mn x 10 ³ : 10.5	Mw/Mn : 1.45	1g

Poly(dimethylsiloxane), α,ω -bis(silane)-terminated 機能性ポリマー

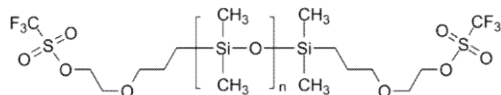
Polysiloxanes, functionalized



P4954-DMS2SiH	Mn x 10 ³ : 0.75	Mw/Mn : 1.1	1g
P3650- DMS2SiH	Mn x 10 ³ : 2	Mw/Mn : 1.4	1g
P7298-DMS2SiH	Mn x 10 ³ : 2	Mw/Mn : 1.4	1g
P3627- DMS2SiH	Mn x 10 ³ : 5	Mw/Mn : 1.9	1g
P8362-DMS2SiH	Mn x 10 ³ : 5	Mw/Mn : 1.4	1g
P4950-DMS2SiH	Mn x 10 ³ : 6	Mw/Mn : 1.25	1g
P5020-DMS2SiH	Mn x 10 ³ : 6.5	Mw/Mn : 1.7	1g
P5019-DMS2SiH	Mn x 10 ³ : 12.2	Mw/Mn : 1.11	1g

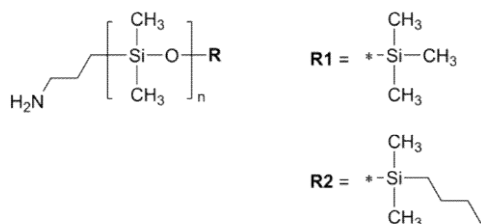
Poly(dimethylsiloxane), α,ω -bis(trifluoromethyl sulfonyl)-terminated 機能性ポリマー

Polysiloxanes, functionalized



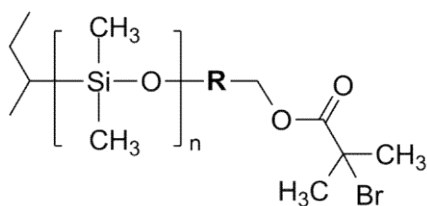
P19042-DMS2CF3	Mn x 10 ³ : 3.8	Mw/Mn : 1.32	f>50%	1g
P18140-DMS2CF3	Mn x 10 ³ : 5	Mw/Mn : 1.3	f>90%	1g
P19038A-DMS2CF3	Mn x 10 ³ : 5	Mw/Mn : 1.47	f>70%	1g
P19038B-DMS2CF3	Mn x 10 ³ : 5	Mw/Mn : 1.47	f>92%	1g
P19033A-DMS2CF3	Mn x 10 ³ : 8	Mw/Mn : 1.45	f>90%	1g
P19033AA-DMS2CF3	Mn x 10 ³ : 8	Mw/Mn : 1.45	f>90%	1g
P18218A-DMS2CF3	Mn x 10 ³ : 10.5	Mw/Mn : 1.45	f>90%	1g

Poly(dimethylsiloxane), ω -amino-terminated 機能性ポリマー
 Polysiloxanes, functionalized



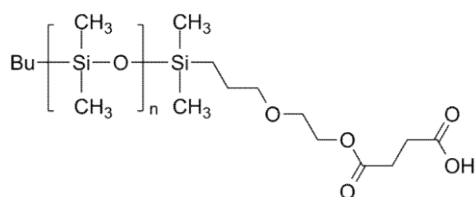
P18467-DMSNH2	$M_n \times 10^3 : 1$	$M_w/M_n : 1.15$	R2	1g
P19164A-DMSNH2	$M_n \times 10^3 : 1$	$M_w/M_n : 1.15$	R2; f>99%	1g
P18468-DMSNH2	$M_n \times 10^3 : 2$	$M_w/M_n : 1.15$	R2; f>99%	1g
P19117-DMSNH2	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.2$	R1; f>90%	1g
P19169C-DMSNH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.07$	R2; f>98%	1g
P19169A-DMSNH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.07$	R2; f>60%	1g
P19170A-DMSNH2	$M_n \times 10^3 : 10$	$M_w/M_n : 1.1$	R2; f>50%	1g

Poly(dimethylsiloxane), ω -bromo-terminated 機能性ポリマー
 Polysiloxanes, functionalized



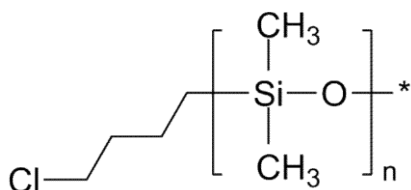
P6678-DMSBr	$M_n \times 10^3 : 5$	$M_w/M_n : 1.1$	1g
P13026-DMSBr	$M_n \times 10^3 : 8$	$M_w/M_n : 1.09$	1g
P11240A-DMSbr	$M_n \times 10^3 : 10$	$M_w/M_n : 1.09$	1g

Poly(dimethylsiloxane), ω -carboxy-terminated 機能性ポリマー
Polysiloxanes, functionalized



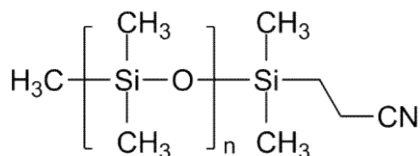
P18566-DMSCOOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.15$	$f > 45 \%$	1g
P18565-DMSCOOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.15$	$f > 50\%$	1g
P4317-DMSCOOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.1$	$f > 96\%$	1g
P8644-DMSCOOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.09$	$f > 98\%$	1g
P8645-DMSCOOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.09$	$f > 98\%$	1g

Poly(dimethylsiloxane), ω -chloro-terminated 機能性ポリマー
Polysiloxanes, functionalized



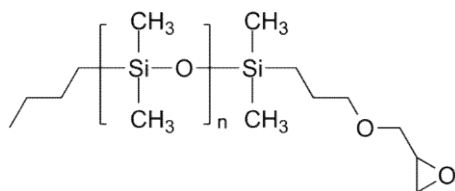
P1294-DMSCl	$M_n \times 10^3 : 2.4$	$M_w/M_n : 1.12$	1g
P1291-DMSCl	$M_n \times 10^3 : 2.6$	$M_w/M_n : 1.16$	1g

Poly(dimethylsiloxane), ω -cyano-terminated 機能性ポリマー
Polysiloxanes, functionalized



P503-DMSCN	$M_n \times 10^3 : 35.5$	$M_w/M_n : 1.17$	1g
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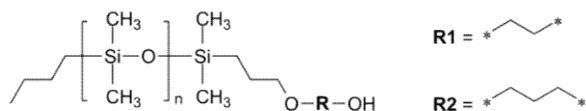
Poly(dimethylsiloxane), ω -epoxy-terminated 機能性ポリマー
Polysiloxanes, functionalized



Comments: Synonym: Glycidyl-terminated Polydimethylsiloxane

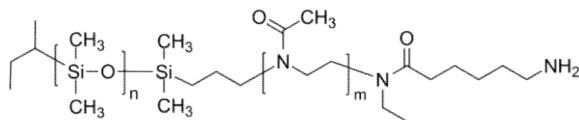
P19719-DMSepoxy	Mn x 10 ³ : 1.2	Mw/Mn : 1.2	1g
P8174-DMSGGE	Mn x 10 ³ : 5.2	Mw/Mn : 1.15	1g
P19717-DMSepoxy	Mn x 10 ³ : 7	Mw/Mn : 1.15	1g

Poly(dimethylsiloxane), ω -hydroxy [carbinol]-terminated 機能性ポリマー
Polysiloxanes, functionalized



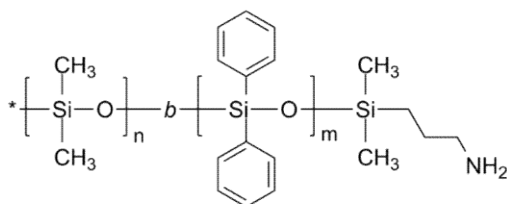
P10627A-DMSOH	Mn x 10 ³ : 0.8	Mw/Mn : 1.15	R2	1g
P8712-DMSOH	Mn x 10 ³ : 0.8	Mw/Mn : 1.1	R2	1g
P19164-DMSOH	Mn x 10 ³ : 1	Mw/Mn : 1.15	R1	1g
P10627B-DMSOH	Mn x 10 ³ : 1.1	Mw/Mn : 1.15	R2	1g
P5670-DMSOH	Mn x 10 ³ : 2	Mw/Mn : 1.14	R1	1g
P40540-DMSOH	Mn x 10 ³ : 2.2	Mw/Mn : 1.14	R2	1g
P11092A-DMSOH	Mn x 10 ³ : 2.7	Mw/Mn : 1.2	R1	1g
P19169-DMSOH	Mn x 10 ³ : 5	Mw/Mn : 1.07	R1	1g
P19170-DMSOH	Mn x 10 ³ : 10	Mw/Mn : 1.1	R1	1g
P8364-DMSOH	Mn x 10 ³ : 10	Mw/Mn : 1.09	R1	1g
P5358-DMSOH	Mn x 10 ³ : 12	Mw/Mn : 1.15		1g

Poly(dimethylsiloxane)-b-poly(2-methyloxazoline), ω -amino-terminated 機能性ブロックコポリマー
Functionalized Diblock Copolymer



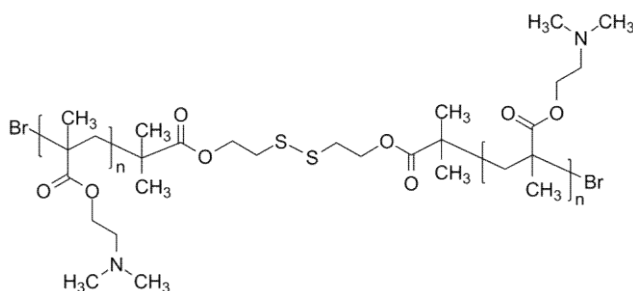
P11392A-DMSMOXZNH2	$M_n \times 10^3$: 0.25-b-6	M_w/M_n : 1.4	1g
P11392Y-DMSMOXZNH2	$M_n \times 10^3$: 5-b-4.5	M_w/M_n : 1.3	1g
P11392X-DMSMOXZNH2	$M_n \times 10^3$: 5-b-1.4	M_w/M_n : 1.3	1g

Poly(dimethylsiloxane)-b-poly(diphenylsiloxane), ω -amino-terminated 機能性ブロックコポリマー
Functionalized Diblock Copolymer



P1675-DMSDPSNH2	$M_n \times 10^3$: 11	M_w/M_n : 1.28	Poly(DiPhS) = 16 mol%	1g
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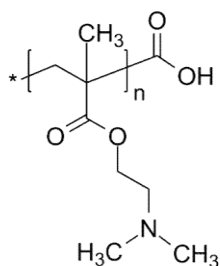
Poly(N,N-dimethylaminoethyl methacrylate), with disulfide group in center of polymer chain 機能性ポリマー
Poly(N,N-dimethylaminoethyl methacrylate), functionalized



P20168A-DMAEMA2S	$M_n \times 10^3$: 8.5	M_w/M_n : 1.3	1g
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Poly(N,N-dimethylaminoethyl methacrylate), α -carboxy-terminated 機能性ポリマー

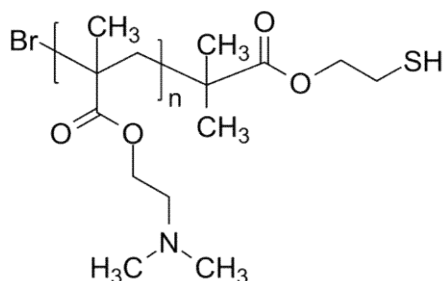
Poly(N,N-dimethylaminoethyl methacrylate), functionalized



P8555-DMAEMACOOH	$M_n \times 10^3$: 4.2	M_w/M_n : 1.14	f : 80%	1g
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Poly(N,N-dimethylaminoethyl methacrylate), α -thiol-terminated 機能性ポリマー

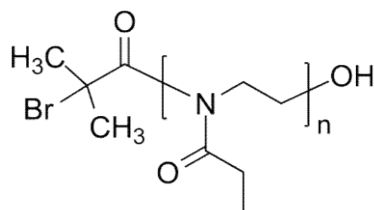
Poly(N,N-dimethylaminoethyl methacrylate), functionalized



P20168-DMAEMASH	$M_n \times 10^3$: 4	M_w/M_n : 1.45	f : > 90%	1g
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Poly(2-ethyl oxazoline), α -bromo-terminated 機能性ポリマー

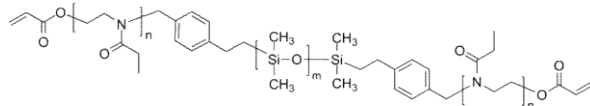
Polyoxazolines, functionalized



P40161-EtOXZ-CMe2Br	$M_n \times 10^3$: 6	M_w/M_n : 1.18	f : > 0.99	1g
P40150-EtOXZ-CMe2Br	$M_n \times 10^3$: 19.5	M_w/M_n : 1.28	f : > 0.99	1g
P40153-EtOXZ-CMe2Br	$M_n \times 10^3$: 24	M_w/M_n : 1.3	f : > 0.99	1g

Poly(2-ethyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-ethyl oxazoline), α,ω -bis(acrylate)-terminated**機能性トリブロックコポリマー**

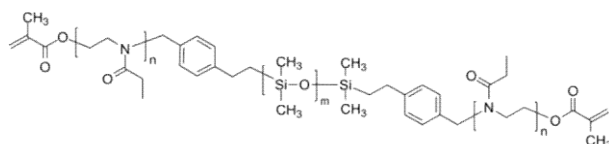
Poly(2-ethyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-ethyl oxazoline), functionalized



P9183- AAEtOXZDMSEtOXZAA	$M_n \times 10^3$: 1.3-b-4-b-1.3	Mw/Mn : 1.4	1g
P9171- AAEtOXZDMSEtOXZAA	$M_n \times 10^3$: 1.8-b-4-b-1.8	Mw/Mn : 1.4	1g

Poly(2-ethyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-ethyl oxazoline), α,ω -bis(methacrylate)-terminated**機能性トリブロックコポリマー**

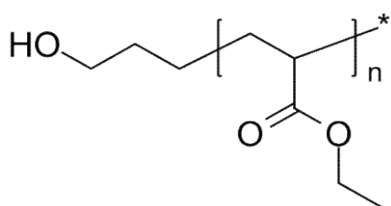
Poly(2-ethyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-ethyl oxazoline), functionalized



PP9170-MAEtOXZDMSEtOXZMA	$M_n \times 10^3$: 0.9-b-4-b-0.9	Mw/Mn : 1.6	1g
P9174- MAEtOXZDMSEtOXZMA	$M_n \times 10^3$: 1-b-2.0-b-1.0	Mw/Mn : 1.24	1g
P9182- MAEtOXZDMSEtOXZMA	$M_n \times 10^3$: 1.3-b-4-b-1.3	Mw/Mn : 1.4	1g
P9177- MAEtOXZDMSEtOXZMA	$M_n \times 10^3$: 1.4-b-4-b-1.4	Mw/Mn : 1.35	1g

Poly(ethyl acrylate), α -hydroxy-terminated**機能性ポリマー**

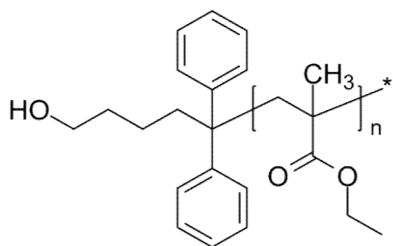
Poly([alkyl] acrylate), functionalized



P2605-EtAOH	$M_n \times 10^3$: 4.5	M_w/M_n : 1.21	1g
P1729-EtAOH	$M_n \times 10^3$: 5.2	M_w/M_n : 1.1	1g
P2606-EtAOH	$M_n \times 10^3$: 11.6	M_w/M_n : 1.12	1g

Poly(ethyl methacrylate), α -hydroxy-terminated**機能性ポリマー**

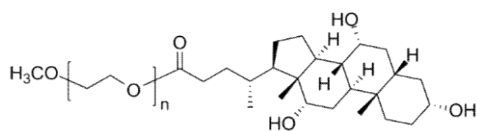
Poly([alkyl] methacrylate), functionalized



P9324-EtMAOH	$M_n \times 10^3$: 15	M_w/M_n : 1.06	$f > 98\%$	1g
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(Polyethylene glycol) methyl ether, ω -(cholic acid)-terminated**機能性ポリマー**

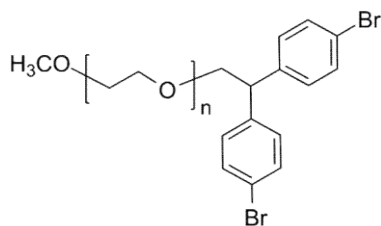
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P12010-EGOCH3CA	$M_n \times 10^3$: 1.1	M_w/M_n : 1.09	$f = 32\%$	1g
P12014-EGOCH3CA	$M_n \times 10^3$: 2	M_w/M_n : 1.09	$f > 71\%$	1g
P12013-EGOCH3CA	$M_n \times 10^3$: 5	M_w/M_n : 1.09	$f = 95\%$	1g

Poly(ethylene glycol) methyl ether, ω -(4,4'-dibromo-diphenylethyl)-terminated 機能性ポリマー

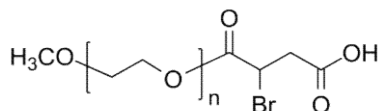
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10132-EGOCH3DPE2Br	Mn x 10 ³ : 4	Mw/Mn : 1.09	ƒ>99%	1g
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Poly(ethylene glycol) methyl ether, ω -(bromo/carboxy)-terminated 機能性ポリマー

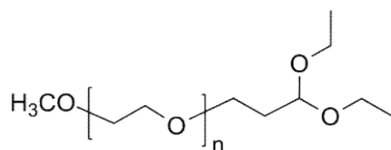
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8243-EGBrCOOH	Mn x 10 ³ : 2	Mw/Mn : 1.1		1g
P8281-EGBrCOOH	Mn x 10 ³ : 5	Mw/Mn : 1.06		1g

Poly(ethylene glycol) methyl ether, ω -(diethyl acetal)-terminated 機能性ポリマー

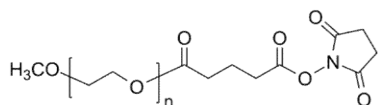
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P3903-EGAceOCH3	Mn x 10 ³ : 3.2	Mw/Mn : 1.07		1g
P5101-EGAceOCH3	Mn x 10 ³ : 8.2	Mw/Mn : 1.05		1g

Poly(ethylene glycol) methyl ether, ω -(succinimidyl glutarate)-terminated 機能性ポリマー

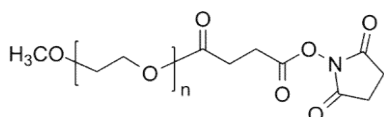
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P2988-EGSG	$M_n \times 10^3 : 2$	$M_w/M_n : 1.09$	1g
P2987-EGSG	$M_n \times 10^3 : 5$	$M_w/M_n : 1.09$	1g
P40687-EGSG	$M_n \times 10^3 : 5$	$M_w/M_n : 1.09$	1g

Poly(ethylene glycol) methyl ether, ω -(succinimidyl succinate)-terminated 機能性ポリマー

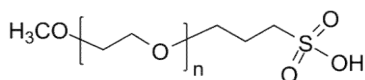
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P9306-EGSS	$M_n \times 10^3 : 5$	$M_w/M_n : 1.08$	1g
P6120-EGSS	$M_n \times 10^3 : 16.5$	$M_w/M_n : 1.04$	1g
P6121-EGSS	$M_n \times 10^3 : 20.5$	$M_w/M_n : 1.07$	1g

Poly(ethylene glycol) methyl ether, ω -(sulfonic acid)-terminated 機能性ポリマー

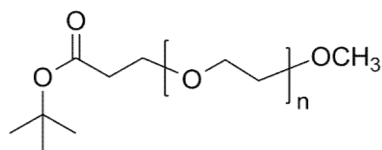
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



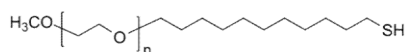
P5819-EGOCH3SO3H	$M_n \times 10^3 : 2$	$M_w/M_n : 1.1$	1g
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Poly(ethylene glycol) methyl ether, α -(tert-butyl ester)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



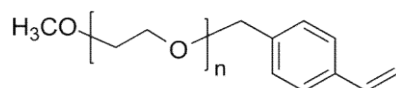
P9490A-EGOCH ₃ COOC ₄ H ₉	M _n x 10 ³ : 0.75	M _w /M _n : 1.1	1g
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Poly(ethylene glycol) methyl ether, α -(undecyl thiol)-terminated 機能性ポリマー

P8869-EG-Alkane-SH	M _n x 10 ³ : 2	M _w /M _n : 1.1	0.5g
P8949-EG-Alkane-SH	M _n x 10 ³ : 2	M _w /M _n : 1.1	0.5g
P9035-EG-Alkane-SH	M _n x 10 ³ : 2	M _w /M _n : 1.08	0.5g
P9072-EG-Alkane-SH	M _n x 10 ³ : 2	M _w /M _n : 1.08	0.5g

Poly(ethylene glycol) methyl ether, ω -(vinyl benzyl)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

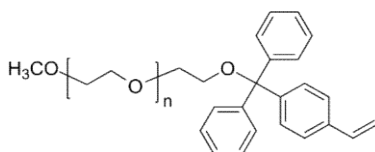


STYREOMER [TM].

Styreomer-600	M _n x 10 ³ : 0.5	M _w /M _n : 1.12	0.98	1g
Styreomer-2K	M _n x 10 ³ : 2	M _w /M _n : 1.1	0.80	1g
Styreomer-5K	M _n x 10 ³ : 5.5	M _w /M _n : 1.02	0.60	1g
Styreomer-6K	M _n x 10 ³ : 6.3	M _w /M _n : 1.03	0.62	1g
Styreomer-14K	M _n x 10 ³ : 14.1	M _w /M _n : 1.04	0.70	1g

Poly(ethylene glycol) methyl ether, ω -(vinyl trityl)-terminated 機能性ポリマー

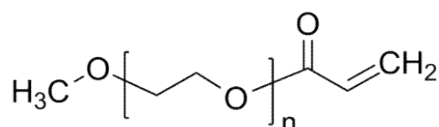
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

Synonym: Poly(ethylene oxide), (α -methoxy, ω -vinyl phenyl diphenyloxy)-terminated.

P16283A-StyreomerTM-TT	$M_n \times 10^3$: 5	Mw/Mn : 1.09	$\bar{f} > 0.80$	1g
P6835-StyreomerTM-TT	$M_n \times 10^3$: 7	Mw/Mn : 1.08	$\bar{f} > 0.95$	1g

Poly(ethylene glycol) methyl ether, ω -acrylate-terminated 機能性ポリマー

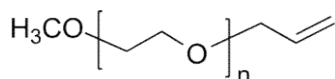
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P16125-mPEGacrylate	$M_n \times 10^3$: 0.9	Mw/Mn : 1.12	$f > 98\%$	1g
P16124-mPEGacrylate	$M_n \times 10^3$: 2	Mw/Mn : 1.1	$f > 98\%$	1g
P40333-mPEGacrylate	$M_n \times 10^3$: 5.5	Mw/Mn : 1.09	$f > 98\%$	1g
P16150A-mPEGacrylate	$M_n \times 10^3$: 5.5	Mw/Mn : 1.08	$f > 98\%$	1g
P16150B-mPEGacrylate	$M_n \times 10^3$: 5.5	Mw/Mn : 1.08	$f > 91\%$	1g
P16126-mPEGacrylate	$M_n \times 10^3$: 10.5	Mw/Mn : 1.09	$f > 98\%$	1g
P16126C-mPEGacrylate	$M_n \times 10^3$: 10.5	Mw/Mn : 1.09	$f > 98\%$	1g

Poly(ethylene glycol) methyl ether, ω -allyl-terminated 機能性ポリマー

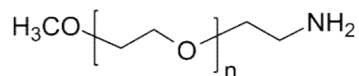
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P2638-EGOCH3Allyl	$M_n \times 10^3$: 1.2	Mw/Mn : 1.1		1g
P18260A-EGOCH3Allyl	$M_n \times 10^3$: 1.4	Mw/Mn : 1.1		1g
P18261-EGOCH3Allyl	$M_n \times 10^3$: 1.6	Mw/Mn : 1.1		1g
P18958-EGOCH3Allyl	$M_n \times 10^3$: 5	Mw/Mn : 1.08		1g

Poly(ethylene glycol) methyl ether, ω -amino-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

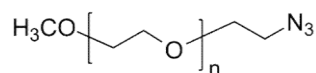


CAS Number : 80506-64-5

P16082-EGOCH ₃ NH ₂	Mn x 10 ³ : 0.5	Mw/Mn : 1.08	f (NH ₂) = 99%	1g
P8683-EGOCH ₃ NH ₂	Mn x 10 ³ : 0.55	Mw/Mn : 1.15	f (NH ₂) = 99%	1g
P6328-EGOCH ₃ NH ₂	Mn x 10 ³ : 0.8	Mw/Mn : 1.1	f (NH ₂) = 95%	1g
P6327-EGOCH ₃ NH ₂	Mn x 10 ³ : 2	Mw/Mn : 1.05	f (NH ₂) = 95%	1g
P8685-EGOCH ₃ NH ₂	Mn x 10 ³ : 2	Mw/Mn : 1.09	f (NH ₂) = 95%	1g
P8687-EGOCH ₃ NH ₂	Mn x 10 ³ : 4.5	Mw/Mn : 1.06	f (NH ₂) = 70%	1g
P8686-EGOCH ₃ NH ₂	Mn x 10 ³ : 5	Mw/Mn : 1.06	f (NH ₂) = 99%	1g
P11447-EGOCH ₃ NH ₂	Mn x 10 ³ : 8	Mw/Mn : 1.08		1g
P5782-EGOCH ₃ NH ₂	Mn x 10 ³ : 9.5	Mw/Mn : 1.07	f (NH ₂) = 95%	1g
P4313-EGOCH ₃ NH ₂	Mn x 10 ³ : 14	Mw/Mn : 1.1	f (NH ₂) = 99%	1g

Poly(ethylene glycol) methyl ether, ω -azide-terminated 機能性ポリマー

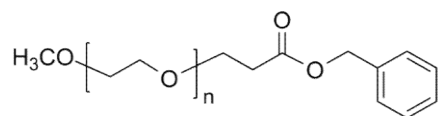
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P5439-EGOCH ₃ N ₃	Mn x 10 ³ : 1.1	Mw/Mn : 1.1	1g
P5438-EGOCH ₃ N ₃	Mn x 10 ³ : 2	Mw/Mn : 1.08	1g
P5440-EGOCH ₃ N ₃	Mn x 10 ³ : 5	Mw/Mn : 1.08	1g

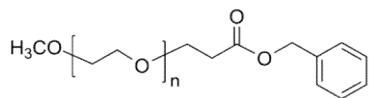
新製品 : Poly(ethylene glycol) methyl ether, ω -benzylester-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



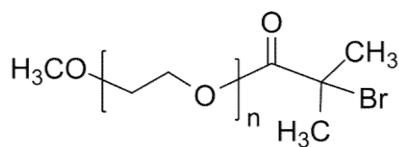
P5083-EGBzester	Mn x 10 ³ : 2	Mw/Mn : 1.11	1g
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Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



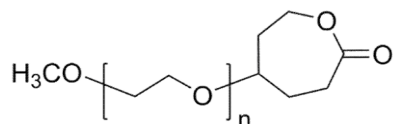
P5083-EGBzester	Mn x 10 ³ : 2	Mw/Mn : 1.11	lg
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Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P20280-EGOCH3Br	Mn x 10 ³ : 2	Mw/Mn : 1.09	1g
P9377-EGOCH3Br	Mn x 10 ³ : 3.5	Mw/Mn : 1.09	1g
P6725-EGOCH3Br	Mn x 10 ³ : 5	Mw/Mn : 1.05	1g
P11301-EGOCH3Br	Mn x 10 ³ : 6	Mw/Mn : 1.09	1g
P7572-EGOCH3Br	Mn x 10 ³ : 6	Mw/Mn : 1.08	1g
P41410-EGOCH3Br	Mn x 10 ³ : 9.5	Mw/Mn : 1.09	1g
P41476-EGOCH3Br	Mn x 10 ³ : 13.5	Mw/Mn : 1.09	1g
P11302A-EGOCH3Br	Mn x 10 ³ : 22.5	Mw/Mn : 1.09	1g
P41474-EGOCH3Br	Mn x 10 ³ : 41	Mw/Mn : 1.08	1g

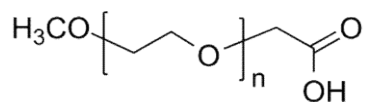
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P7184-EOCLmacromer	$M_n \times 10^3$: 1.2	M_w/M_n : 1.2	lg
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Poly(ethylene glycol) methyl ether, ω-carboxy [acetic acid]-terminated 機能性ポリマー

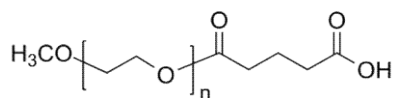
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P14168-EGOCH ₃ CH ₂ COOH	Mn x 10 ³ : 0.5	Mw/Mn : 1.15	f=88%	1g
P14169-EGOOH ₃ CH ₂ COOH	Mn x 10 ³ : 0.7	Mw/Mn : 1.1	f=98%	1g
P14173-EGOCH ₃ CH ₂ COOH	Mn x 10 ³ : 1.6	Mw/Mn : 1.15	f=98%	1g
P14172-EGOCH ₃ CH ₂ COOH	Mn x 10 ³ : 2	Mw/Mn : 1.1	f=88%	1g
P14164-EGOCH ₃ CH ₂ COOH	Mn x 10 ³ : 5	Mw/Mn : 1.06	f=90%	1g
P14170-EGOCH ₃ CH ₂ COOH	Mn x 10 ³ : 5	Mw/Mn : 1.1	f=91%	1g
P14171-EGOCH ₃ CH ₂ COOH	Mn x 10 ³ : 11	Mw/Mn : 1.15	f=99%	1g

Poly(ethylene glycol) methyl ether, ω-carboxy [glutaric acid]-terminated 機能性ポリマー

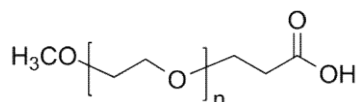
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P5024-EGOCH ₃ GA	Mn x 10 ³ : 2	Mw/Mn : 1.04	1g
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Poly(ethylene glycol) methyl ether, ω-carboxy [propionic acid]-terminated 機能性ポリマー

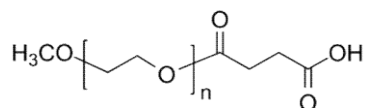
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P9490-EGOCH ₃ COOH	Mn x 10 ³ : 0.75	Mw/Mn : 1.1	1g
P8881-EGOCH ₃ COOH	Mn x 10 ³ : 1.1	Mw/Mn : 1.09	1g
P20175-EGOCH ₃ COOH	Mn x 10 ³ : 7	Mw/Mn : 1.05	1g

Poly(ethylene glycol) methyl ether, ω -carboxy [succinic acid]-terminated 機能性ポリマー

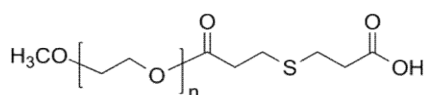
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P7392-EGOCH3COOH	Mn x 10 ³ : 1.8	Mw/Mn : 1.05	1g
P6040-EGOCH3COOH	Mn x 10 ³ : 7	Mw/Mn : 1.03	1g
P6120-EGOCH3COOH	Mn x 10 ³ : 16.5	Mw/Mn : 1.03	1g
P4984-EGOCH3COOH	Mn x 10 ³ : 20.5	Mw/Mn : 1.08	1g
P6121-EGOCH3COOH	Mn x 10 ³ : 20.5	Mw/Mn : 1.07	1g

Poly(ethylene glycol) methyl ether, ω -carboxy [via sulfide linkage]-terminated 機能性ポリマー

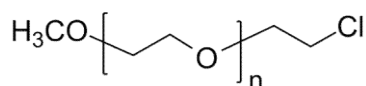
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P3765-EGOCH3COOH	Mn x 10 ³ : 0.6	Mw/Mn : 1.09	1g
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Poly(ethylene glycol) methyl ether, ω -chloro-terminated 機能性ポリマー

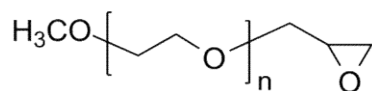
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P3422-EGOCH3Cl	Mn x 10 ³ : 2	Mw/Mn : 1.1	1g
P2166-EGOCH3Cl	Mn x 10 ³ : 5	Mw/Mn : 1.05	1g

Poly(ethylene glycol) methyl ether, ω -epoxy-terminated 機能性ポリマー

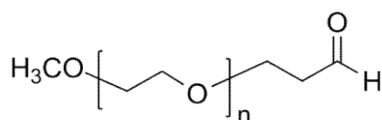
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8439-EGOCH3epoxy	Mn x 10 ³ : 2	Mw/Mn : 1.06	f>95%	1g
P8436-EGOCH3epoxy	Mn x 10 ³ : 5	Mw/Mn : 1.07	f>50%	1g
P8454-EGOCH3epoxy	Mn x 10 ³ : 5	Mw/Mn : 1.08	f>55%	1g
P8466-EGOCH3epoxy	Mn x 10 ³ : 6	Mw/Mn : 1.09	f>99%	1g

Poly(ethylene glycol) methyl ether, ω -formyl-terminated 機能性ポリマー

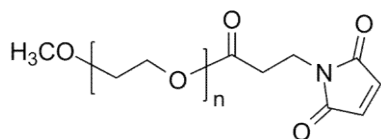
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P2951-EGOCH3CHO	Mn x 10 ³ : 5	Mw/Mn : 1.1	1g
P2953-EGOCH3CHO	Mn x 10 ³ : 5	Mw/Mn : 1.09	1g
P2956-EGOCH3CHO	Mn x 10 ³ : 5	Mw/Mn : 1.09	1g
P2892-EGOCH3CHO	Mn x 10 ³ : 5.1	Mw/Mn : 1.06	1g

Poly(ethylene glycol) methyl ether, ω -maleimido-terminated 機能性ポリマー

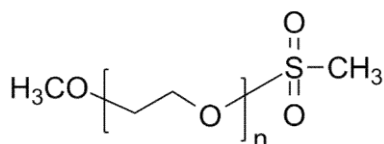
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10182A-EGOCH3maleimido	$M_n \times 10^3$: 0.98	Mw/Mn : 1.12	>98%	1g
P10169-EGOCH3maleimido	$M_n \times 10^3$: 2	Mw/Mn : 1.1	>50%	1g
P10182B-EGOCH3maleimido	$M_n \times 10^3$: 2	Mw/Mn : 1.12	>98%	1g
P14232-EGOCH3maleimido	$M_n \times 10^3$: 2	Mw/Mn : 1.1	>98%	1g
P10182C-EGOCH3maleimido	$M_n \times 10^3$: 2.5	Mw/Mn : 1.1	>98%	1g
P14235-EGOCH3Maleimido	$M_n \times 10^3$: 4.1	Mw/Mn : 1.14	>98%	1g
P14233-EGOCH3maleimido	$M_n \times 10^3$: 4.2	Mw/Mn : 1.15	>98%	1g
P10182-EGOCH3maleimido	$M_n \times 10^3$: 5	Mw/Mn : 1.09	>98%	1g
P10182D-EGOCH3maleimido	$M_n \times 10^3$: 11	Mw/Mn : 1.09	>98%	1g
P14237-EGOCH3maleimido	$M_n \times 10^3$: 11	Mw/Mn : 1.08	>98%	1g
P10182E-EGOCH3maleimido	$M_n \times 10^3$: 22	Mw/Mn : 1.09	>98%	1g

Poly(ethylene glycol) methyl ether, ω -mesylate-terminated 機能性ポリマー

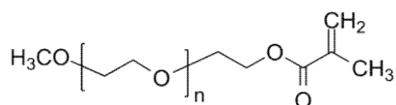
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P13153-EGOCH3Mesylate	$M_n \times 10^3$: 0.55	Mw/Mn : 1.15		1g
P5439-EGOCH3Mesylate	$M_n \times 10^3$: 1	Mw/Mn : 1.09		1g
P8669-EGOCH3Mesylate	$M_n \times 10^3$: 1.1	Mw/Mn : 1.09		1g
P5438-EGOCH3Mesylate	$M_n \times 10^3$: 2	Mw/Mn : 1.09		1g
P8670-EGOCH3Mesylate	$M_n \times 10^3$: 2	Mw/Mn : 1.09		1g
P16096-EGOCH3Mesylate	$M_n \times 10^3$: 5	Mw/Mn : 1.07		1g
P16092-EGOCH3Mesylate	$M_n \times 10^3$: 8.5	Mw/Mn : 1.07	f>80%	1g
P8673-EGOCH3Mesylate	$M_n \times 10^3$: 9	Mw/Mn : 1.06		1g
P8767A-EGOCH3Mesylate	$M_n \times 10^3$: 20	Mw/Mn : 1.06		1g

Poly(ethylene glycol) methyl ether, ω -methacryloyl-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



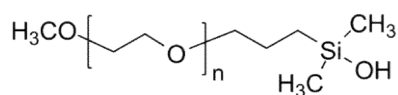
CAS Number : 26915-72-0

Synonym: Poly(ethylene glycol) methyl ether methacrylate

P3508-EGMA	Mn x 10 ³ : 1	Mw/Mn : 1.07	f(MA)>95%	1g
P41261-mPEG-MA	Mn x 10 ³ : 1.6	Mw/Mn : 1.1	stabilized	1g
P41263-mPEG-MA	Mn x 10 ³ : 1.6	Mw/Mn : 1.1	stabilized	1g
P16348-mPEG-MA	Mn x 10 ³ : 2	Mw/Mn : 1.1	stabilized	1g
P3507-EGMA	Mn x 10 ³ : 2	Mw/Mn : 1.07	f(MA)>95%	1g
P41259-mPEG-MA	Mn x 10 ³ : 2	Mw/Mn : 1.1	stabilized	1g
P2465-EGMA	Mn x 10 ³ : 5	Mw/Mn : 1.07	f(MA)>95%	1g
P2569-EGMA	Mn x 10 ³ : 8.2	Mw/Mn : 1.07	f(MA)>85%	1g

Poly(ethylene glycol) methyl ether, ω -silanol-terminated 機能性ポリマー

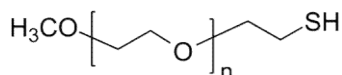
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P18958A-EGOCH3SiOH	Mn x 10 ³ : 5.5	Mw/Mn : 1.08	1g
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Poly(ethylene glycol) methyl ether, ω -thiol-terminated 機能性ポリマー

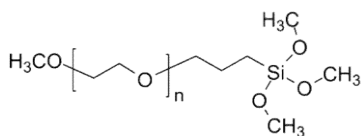
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8697-EGOCH3SH	$M_n \times 10^3 : 0.75$	$M_w/M_n : 1.1$	1g
P9839-EGOCH3SH	$M_n \times 10^3 : 0.9$	$M_w/M_n : 1.09$	1g
P8698-EGOCH3SH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.08$	1g
P8699-EGOCH3SH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.05$	1g
P6499-EGOCH3SH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.09$	1g
P8700-EGOCH3SH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.08$	1g
P8701-EGOCH3SH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.08$	1g
P2416-EOSH	$M_n \times 10^3 : 47$	$M_w/M_n : 1.14$	1g

Poly(ethylene glycol) methyl ether, ω -trimethoxysilyl-terminated 機能性ポリマー

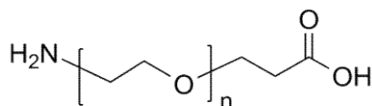
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4648-EGTMS	$M_n \times 10^3 : 0.35$	$M_w/M_n : 1.1$	1g
P6788-EGTMS	$M_n \times 10^3 : 0.35$	$M_w/M_n : 1.2$	1g
P8991-EGTMS	$M_n \times 10^3 : 0.9$	$M_w/M_n : 1.12$	1g

Poly(ethylene glycol), (α -amino, ω -carboxy)-terminated 機能性ポリマー

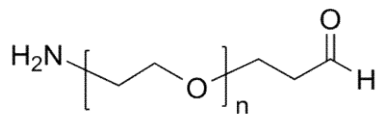
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4525-EGNH2COOH	$M_n \times 10^3 : 0.7$	$M_w/M_n : 1.15$	1g
P6255-EGNH2COOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.1$	1g
P4459-EGNH2COOH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.1$	1g
P4529-EGNH2COOH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.15$	1g
P9837-EGNH2COOH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.16$	1g

Poly(ethylene glycol), (α -amino, ω -formyl)-terminated 機能性ポリマー

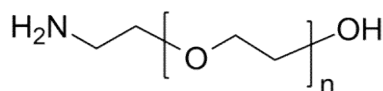
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P3304-EONH2CHO	Mn x 10 ³ : 3	Mw/Mn : 1.04	1g
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Poly(ethylene glycol), (α -amino, ω -hydroxy)-terminated 機能性ポリマー

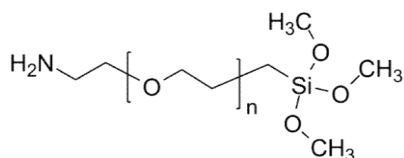
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8696-EGNH2OH	Mn x 10 ³ : 1.1	Mw/Mn : 1.15	1g
P4450-EGNH2OH	Mn x 10 ³ : 1.2	Mw/Mn : 1.08	1g
P5887-EGNH2OH	Mn x 10 ³ : 1.2	Mw/Mn : 1.15	1g
P18271-EGNH2OH	Mn x 10 ³ : 1.8	Mw/Mn : 1.16	1g
P5907-EGNH2OH	Mn x 10 ³ : 2.2	Mw/Mn : 1.12	1g
P18077-EGNH2OH	Mn x 10 ³ : 2.2	Mw/Mn : 1.1	1g
P18272-EGNH2OH	Mn x 10 ³ : 2.5	Mw/Mn : 1.1	1g
P40571-EGNH2OH	Mn x 10 ³ : 3.5	Mw/Mn : 1.14	1g
P40571A-EGNH2OH	Mn x 10 ³ : 3.5	Mw/Mn : 1.15	1g
P18328B-EGNH2OH	Mn x 10 ³ : 4.5	Mw/Mn : 1.1	1g
P4215-EGNH2OH	Mn x 10 ³ : 4.8	Mw/Mn : 1.15	1g
P5651-EGNH2OH	Mn x 10 ³ : 5	Mw/Mn : 1.09	1g
P11472-EGNH2OH	Mn x 10 ³ : 5.5	Mw/Mn : 1.15	1g
P18270-EGNH2OH	Mn x 10 ³ : 5.5	Mw/Mn : 1.1	1g
P18328A-EGNH2OH	Mn x 10 ³ : 6	Mw/Mn : 1.1	1g
P18273-EGNH2OH	Mn x 10 ³ : 8	Mw/Mn : 1.15	1g
P3486-EGNH2OH	Mn x 10 ³ : 9.5	Mw/Mn : 1.1	1g
P3324-EGNH2OH	Mn x 10 ³ : 22	Mw/Mn : 1.06	1g
P3478-EGNH2OH	Mn x 10 ³ : 30	Mw/Mn : 1.14	1g

Poly(ethylene glycol), (α -amino, ω -trimethoxysilyl)-terminated 機能性ポリマー

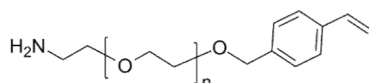
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P9001-EGNH2TMS	$M_n \times 10^3 : 0.55$	$M_w/M_n : 1.2$	1g
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Poly(ethylene glycol), (α -amino, ω -vinyl benzyl)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

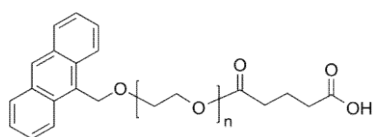


STYREOMER [TM], NH2-terminated.

P9398A-Styreomer-NH2	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.1$	1g
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Poly(ethylene glycol), (α -anthracene, ω -carboxy)-terminated 機能性ポリマー

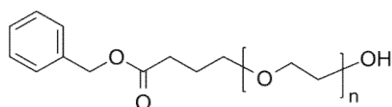
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P3458B-EOAnCOOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.08$	1g
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Poly(ethylene glycol), (α -benzylester, ω -hydroxy)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



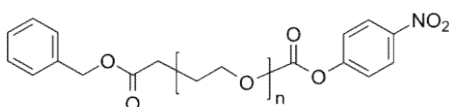
P6774-EGBZOH

 $M_n \times 10^3$: 1.8 M_w/M_n : 1.17

1g

Poly(ethylene glycol), (α -benzylester, ω -nitrophenylformate)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



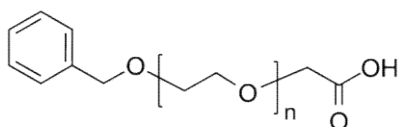
P6101-EGBzNO2Ph

 $M_n \times 10^3$: 2.3 M_w/M_n : 1.2

0.5g

Poly(ethylene glycol), (α -benzyloxy, ω -carboxy)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



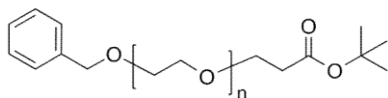
P6222-EGBzCOOH

 $M_n \times 10^3$: 3.5 M_w/M_n : 1.09

1g

Poly(ethylene glycol), (α -benzyloxy, ω -tert-butylcarboxylate)-terminated 機能性ポリマー

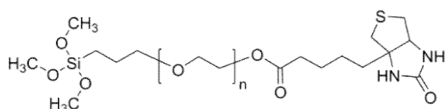
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P6255-EGBztBA	Mn x 10 ³ : 1	Mw/Mn : 1.1	1g
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Poly(ethylene glycol), (α -trimethoxysilyl, ω -Biotinyl)-terminated

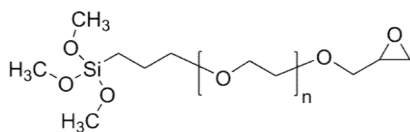
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P5672-EGBIOTMS	Mn x 10 ³ : 1.05	Mw/Mn : 1.1	0.5g
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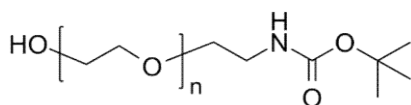
新製品 : Poly(ethylene glycol), (α -trimethoxysilyl, ω -epoxy)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



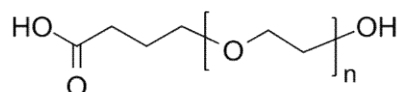
P6407D-EGEPOTMS	Mn x 10 ³ : 0.7	Mw/Mn : 1.2	1g
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Poly(ethylene glycol), (α -butoxycarbonylamino [BOC], ω -hydroxy)-terminated 機能性ポリマー
 Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



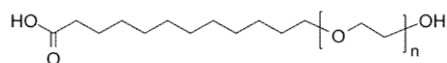
P4858A-BOCEG	$M_n \times 10^3 : 5$	$M_w/M_n : 1.08$	1g
P4867A-BOCEG	$M_n \times 10^3 : 6$	$M_w/M_n : 1.08$	1g

Poly(ethylene glycol), (α -carboxy [butyric acid], ω -hydroxy)-terminated 機能性ポリマー
 Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P8656-EGCOOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.2$	1g
P8663A-EGCOOH	$M_n \times 10^3 : 1.8$	$M_w/M_n : 1.17$	1g
P2263-EGCOOH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.17$	1g
P2264-EGCOOH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.17$	1g
P8036-EGCOOH	$M_n \times 10^3 : 13$	$M_w/M_n : 1.1$	1g

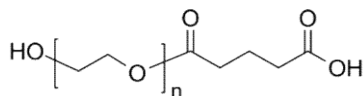
Poly(ethylene glycol), (α -carboxy [dodecanoic acid], ω -hydroxy)-terminated 機能性ポリマー
 Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P2418-EGCOOH	$M_n \times 10^3 : 2.7$	$M_w/M_n : 1.16$	1g
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Poly(ethylene glycol), (α -carboxy [glutaric acid], ω -hydroxy)-terminated 機能性ポリマー

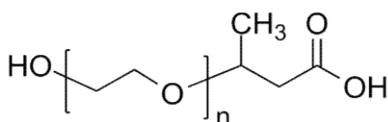
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P2471-EGCOOH	$M_n \times 10^3 : 1.2$	$M_w/M_n : 1.2$	1g
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Poly(ethylene glycol), (α -carboxy [isobutyric acid], ω -hydroxy)-terminated 機能性ポリマー

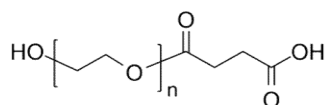
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P2425-HOEGCOOH	$M_n \times 10^3 : 2.1$	$M_w/M_n : 1.37$	0.5g
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Poly(ethylene glycol), (α -carboxy [succinic acid], ω -hydroxy)-terminated 機能性ポリマー

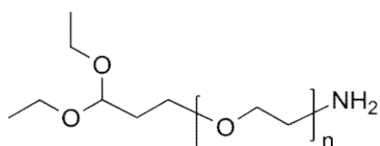
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P2434-EGCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.12$	1g
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Poly(ethylene glycol), (α -diethyl acetal, ω -amino)-terminated 機能性ポリマー

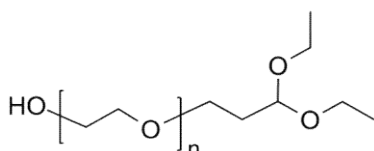
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10110A-EGacetalNH ₂	Mn x 10 ³ : 3.1	Mw/Mn : 1.1	f > 98%	1g
P10110B-EGacetalNH ₂	Mn x 10 ³ : 3.6	Mw/Mn : 1.1	f > 98%	1g
P14254-3-EGacetalNH ₂	Mn x 10 ³ : 3.6	Mw/Mn : 1.1	f > 98%	1g

Poly(ethylene glycol), (α -diethyl acetal, ω -hydroxy)-terminated 機能性ポリマー

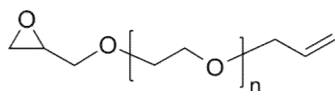
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10141-EGacetalOH	Mn x 10 ³ : 3.6	Mw/Mn : 1.1	f > 98%	1g
P4340A-EGAcceOH	Mn x 10 ³ : 5	Mw/Mn : 1.07		1g

Poly(ethylene glycol), (α -epoxy, ω -allyl)-terminated 機能性ポリマー

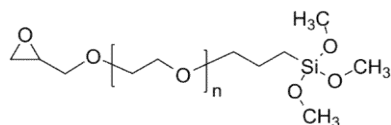
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4624A-EGALLyEPO	Mn x 10 ³ : 0.55	Mw/Mn : 1.2		1g
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Poly(ethylene glycol), (α -trimethoxysilyl, ω -epoxy)-terminated 機能性ポリマー

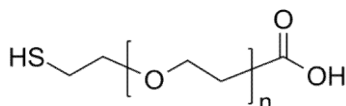
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P6407D-EGEPOTMS	$M_n \times 10^3 : 0.7$	$M_w/M_n : 1.2$	1g
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Poly(ethylene glycol), (α -ethyl thiol, ω -carboxy)-terminated 機能性ポリマー

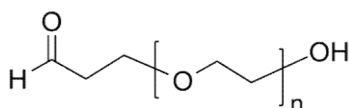
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P11380-EGSHCOOH	$M_n \times 10^3 : 0.26$	$M_w/M_n : 1.3$	0.5g
P11416C-EGSHCOOH	$M_n \times 10^3 : 0.6$	$M_w/M_n : 1.3$	0.5g
P11418-EGSHCOOH	$M_n \times 10^3 : 0.7$	$M_w/M_n : 1.15$	0.5g
P6553-EGSHCOOH	$M_n \times 10^3 : 2.4$	$M_w/M_n : 1.08$	0.5g

Poly(ethylene glycol), (α -formyl, ω -hydroxy)-terminated 機能性ポリマー

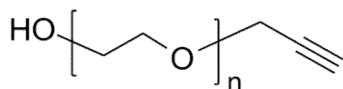
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P6206-EGCHO	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.1$	1g
P2228-EGCHO	$M_n \times 10^3 : 2$	$M_w/M_n : 1.08$	1g
P10141F-EGCHO	$M_n \times 10^3 : 3.7$	$M_w/M_n : 1.09$	1g
P4340-EGCHO	$M_n \times 10^3 : 5$	$M_w/M_n : 1.07$	1g
P6204-EGCHO	$M_n \times 10^3 : 10$	$M_w/M_n : 1.05$	1g

Poly(ethylene glycol), (α -hydroxy, ω -alkyne)-terminated 機能性ポリマー

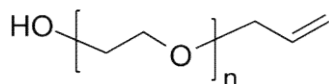
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10265-EGOH-alkyne	$M_n \times 10^3$: 2.2	Mw/Mn : 1.09		1g
P10221-EGOH-alkyne	$M_n \times 10^3$: 3	Mw/Mn : 1.1		1g
P10253-EGOH-alkyne	$M_n \times 10^3$: 3.5	Mw/Mn : 1.09		1g

Poly(ethylene glycol), (α -allyl, ω -hydroxy)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

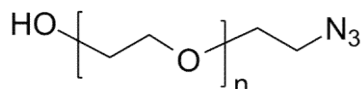


Comments: Functionality: * 50%; ** over 98%

P4605-EGOHallyl	$M_n \times 10^3$: 0.7	Mw/Mn : 1.15	*	1g
P5664-EGOHallyl	$M_n \times 10^3$: 1.3	Mw/Mn : 1.15	*	1g
P8959-EGOHallyl	$M_n \times 10^3$: 3	Mw/Mn : 1.09	**	1g
P3460-EGOHallyl	$M_n \times 10^3$: 11.2	Mw/Mn : 1.05	*	1g

Poly(ethylene glycol), (α -azide, ω -hydroxy)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

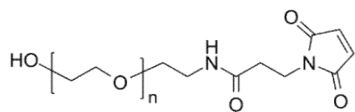


Comments: The comment columns illustrate the -N3 end group functionality

P6742-EGOHN3	$M_n \times 10^3$: 0.42	Mw/Mn : 1.23	>80%	1g
P6741-EGOHN3	$M_n \times 10^3$: 0.48	Mw/Mn : 1.35	>95%	1g
P5881-EGOHN3	$M_n \times 10^3$: 0.5	Mw/Mn : 1.15	>98%	1g
P9723-EGOHN3	$M_n \times 10^3$: 1.1	Mw/Mn : 1.09		1g
P5806-EGOHN3	$M_n \times 10^3$: 1.2	Mw/Mn : 1.16	>50%	1g
P5805-EGOHN3	$M_n \times 10^3$: 1.6	Mw/Mn : 1.29	>50%	1g
P6784-EGOHN3	$M_n \times 10^3$: 2	Mw/Mn : 1.2	>60%	1g
P9309-EGOHN3	$M_n \times 10^3$: 2.1	Mw/Mn : 1.14	>98%	1g
P13146-EGOHN3	$M_n \times 10^3$: 2.2	Mw/Mn : 1.16	>99%	1g
P6779-EGOHN3	$M_n \times 10^3$: 2.2	Mw/Mn : 1.17	contg. 25% diazido-PEG	1g
P9722-EGOHN3	$M_n \times 10^3$: 5	Mw/Mn : 1.05		1g

Poly(ethylene glycol), (α -hydroxy, ω -maleimido)-terminated 機能性ポリマー

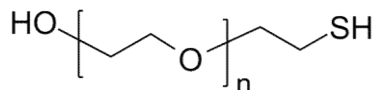
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10110B-5-EGOHMaleimido	$M_n \times 10^3$: 3.5	M_w/M_n : 1.15	1g
P10141D-EGOHMaleimido	$M_n \times 10^3$: 3.7	M_w/M_n : 1.09	1g

Poly(ethylene glycol), (α -hydroxy, ω -thiol)-terminated 機能性ポリマー

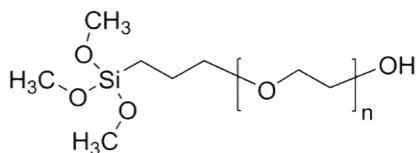
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8689-EGSHOH	$M_n \times 10^3$: 1	M_w/M_n : 1.15	1g
P8681A-EGSHOH	$M_n \times 10^3$: 2	M_w/M_n : 1.15	1g
P8936-EGSHOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.15	1g
P9773-EGSHOH	$M_n \times 10^3$: 5	M_w/M_n : 1.1	1g
P9774-EGSHOH	$M_n \times 10^3$: 38	M_w/M_n : 1.1	1g

Poly(ethylene glycol), (α -trimethoxysilyl, ω -hydroxy)-terminated 機能性ポリマー

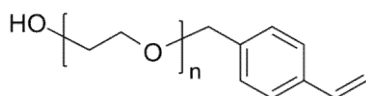
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4613-EGTMS	$M_n \times 10^3$: 0.4	M_w/M_n : 1.2	f(TMS) = 90%	0.5g
P4598A-EGTMS	$M_n \times 10^3$: 0.9	M_w/M_n : 1.2		0.5g
P6275-EGTMS	$M_n \times 10^3$: 1.05	M_w/M_n : 1.1		0.5g

Poly(ethylene glycol), (α -hydroxy, ω -vinyl benzyl)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

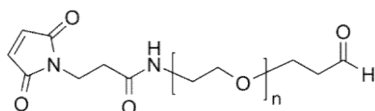


STYREOMER [TM], OH-terminated

P4315-Styreomer-OH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.09$	1g
P9344-Styreomer-OH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.1$	1g
P9393-Styreomer-OH	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.1$	1g
P9398-Styreomer-OH	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.1$	1g

Poly(ethylene glycol), (α -formyl, ω -maleimido)-terminated 機能性ポリマー

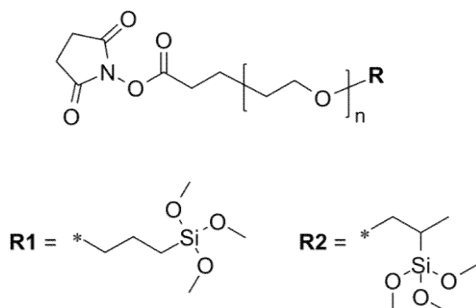
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P3289-EGmaleimidoCHO	$M_n \times 10^3 : 3$	$M_w/M_n : 1.08$	0.5g
P10110B-EGmaleimidoCHO	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.15$	0.5g
P10141E-EGmaleimidoCHO	$M_n \times 10^3 : 3.7$	$M_w/M_n : 1.09$	0.5g

Poly(ethylene glycol), (α -succinimidyl, ω -trimethoxysilyl)-terminated 機能性ポリマー

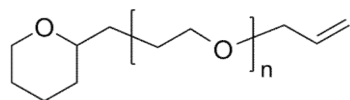
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8085-EGNHSTMS	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.18$	0.5g
P6550-EGNHSTMS	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.06$	0.5g

Poly(ethylene glycol), (α -tetrahydropyranyl, ω -allyl)-terminated 機能性ポリマー

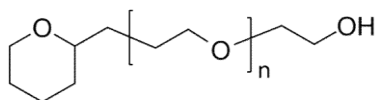
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8954-EGTHPAllyl	$M_n \times 10^3$: 5.8	M_w/M_n : 1.06	1g
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Poly(ethylene glycol), (α -tetrahydropyranyl, ω -hydroxy)-terminated 機能性ポリマー

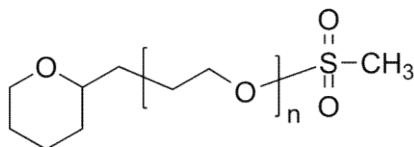
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10569F4-EGTHPOH	$M_n \times 10^3$: 0.3	M_w/M_n : 1.09	1g
P10569A3-EGTHPOH	$M_n \times 10^3$: 0.4	M_w/M_n : 1.09	1g
P10253-EGTHPOH	$M_n \times 10^3$: 4	M_w/M_n : 1.09	1g
P40304-EGTHPOH	$M_n \times 10^3$: 5.5	M_w/M_n : 1.16	1g
P19201-EGTHPOH	$M_n \times 10^3$: 9	M_w/M_n : 1.13	1g
P9724-EGTHPOH	$M_n \times 10^3$: 10	M_w/M_n : 1.09	1g

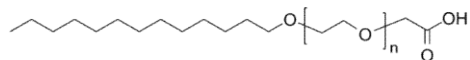
Poly(ethylene glycol), (α -tetrahydropyranyl, ω -mesylate)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



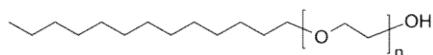
P8682-EGPyMS	$M_n \times 10^3$: 2.2	M_w/M_n : 1.15	1g
P8936A-EGPyMS	$M_n \times 10^3$: 2.5	M_w/M_n : 1.15	1g
P9773A-EGPyMS	$M_n \times 10^3$: 5	M_w/M_n : 1.1	1g
P4558A-EGPyMS	$M_n \times 10^3$: 5.8	M_w/M_n : 1.1	1g
P9774A-EGPyMS	$M_n \times 10^3$: 38	M_w/M_n : 1.1	1g

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



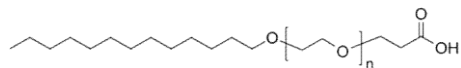
P10044-EGTridecanolCOOH	Mn x 10 ³ : 1.3	Mw/Mn: 1.09	1g
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Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10044-EGtridecanolOH	Mn x 10 ³ : 1.2	Mw/Mn : 1.09	lg
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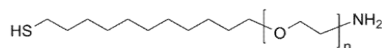
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P10044A-EGtridecanolCOOH	$M_n \times 10^3$: 1.3	M_w/M_n : 1.09	lg
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Poly(ethylene glycol), (α -undecyl thiol, ω -amino)-terminated 機能性ポリマー

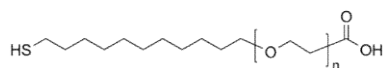
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P6563-EGNH2(CH2)11SH	$M_n \times 10^3 : 2.4$	$M_w/M_n : 1.1$	0.5g
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Poly(ethylene glycol), (α -undecyl thiol, ω -carboxy)-terminated 機能性ポリマー

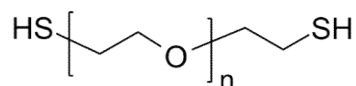
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P6557-EGC11SHCOOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.09$	0.5g
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Poly(ethylene glycol), α,ω -bis(thiol)-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), other functionalized

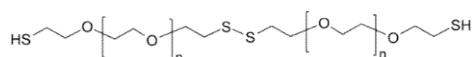


P20223A-EG2SH	$M_n \times 10^3 : 0.4$	$M_w/M_n : 1.15$	$f=77\%$	1g
P20223B-EG2SH	$M_n \times 10^3 : 0.6$	$M_w/M_n : 1.15$	$f=90\%$	1g
P16191-EG2SH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.1$	$f(\text{SH}) > 80\%$, S-S dimer	1g
P41092-EG2SH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.1$	$f > 96\%$	1g
P20257-EG2SH	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.1$	$f > 83\%$	1g
P40973-EG2SH	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.08$	$f > 90\%$	1g
P40995-EG2SH	$M_n \times 10^3 : 1.5$	$M_w/M_n : 1.08$	$f > 84\%$	1g
P40995A-EG2SH	$M_n \times 10^3 : 1.5$	$M_w/M_n : 1.08$	$f > 80\%$	1g
P20223P-CC-EG2SH	$M_n \times 10^3 : 1.7$	$M_w/M_n : 1.2$	$f > 57\%$	1g
P20223CC-EG2SH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.2$	$f > 99\%$	1g
P20250-EG2SH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.2$	$f > 70\%$	1g
P20229C-EG2SH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.04$	$f=65\%$	1g

Poly(ethylene glycol), α,ω -bis(thiol)-terminated 次ページに続く

前ページからの続き Poly(ethylene glycol), α,ω -bis(thiol)-terminated

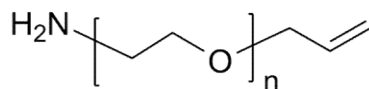
P14900-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f=86\%$	1g
P14916-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f=87\%$	1g
P19440A-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f>74\%$	1g
P20237-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f=70\%$	1g
P20242-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f=80\%$	1g
P20254-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f>78\%$	1g
P41822-EG2SH	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	$f>92\%$	1g
P20229B-EG2SH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.03$	$f=75\%$	1g
P20223D-EG2SH	$M_n \times 10^3 : 5.8$	$M_w/M_n : 1.04$	$f=72\%$	1g
P14864-EG2SH	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.04$	$f>99\%$	1g
P20223E-EG2SH	$M_n \times 10^3 : 9.8$	$M_w/M_n : 1.04$	$f=99\%$	1g
P20223G-EG2SH	$M_n \times 10^3 : 10.3$	$M_w/M_n : 1.1$	$f=99\%$	1g
P20223F-EG2SH	$M_n \times 10^3 : 11$	$M_w/M_n : 1.1$	$f=99\%$	1g

Poly(ethylene glycol), α,ω -bis(thiol)-terminated - with disulfide group in center of polymer chain 機能性ポリマーPoly(ethylene glycol), α,ω -bis(thiol)-terminated

P40973A-Egdisulfide	$M_n \times 10^3 : 2.4$	$M_w/M_n : 1.25$	1g
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Poly(ethylene glycol), (α -amino, ω -allyl)-terminated 機能性ポリマー

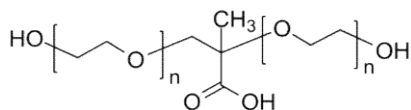
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4628A-EGNH2ALLY	$M_n \times 10^3 : 0.55$	$M_w/M_n : 1.2$	1g
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Poly(ethylene glycol), with carboxy-group in center of polymer chain 機能性ポリマー

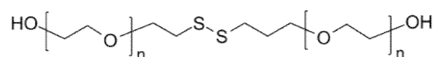
oly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P2625-EO(OH)2COOH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.13$	0.5g
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Poly(ethylene glycol), with disulfide group in center of polymer chain 機能性ポリマー

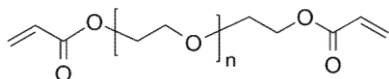
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P19044-EG-disulfide	$M_n \times 10^3 : 25$	$M_w/M_n : 1.13$	1g
P19037-EG-disulfide	$M_n \times 10^3 : 34$	$M_w/M_n : 1.13$	1g

Poly(ethylene glycol), α,ω -bis(acrylate)-terminated 機能性ポリマー

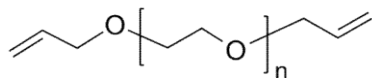
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4781-EG2Acrylate	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.1$	$f > 98\%$	1g
P40184-EG2Acrylate	$M_n \times 10^3 : 4$	$M_w/M_n : 1.1$	$f > 99\%$	1g
P40185A-EG2Acrylate	$M_n \times 10^3 : 5$	$M_w/M_n : 1.1$	$f > 98\%$	1g
P40686-EG2Acrylate	$M_n \times 10^3 : 10$	$M_w/M_n : 1.1$	$f > 99\%$	1g

Poly(ethylene glycol), α,ω -bis(allyl)-terminated 機能性ポリマー

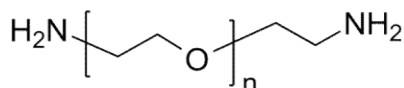
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P9070A-EG2Allyl	$M_n \times 10^3 : 0.42$	$M_w/M_n : 1.1$		1g
P41025A-EG2Allyl	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.09$	$f=95\%$	1g
P40993-EG2Allyl	$M_n \times 10^3 : 1.5$	$M_w/M_n : 1.09$	$f=80\%$	1g

Poly(ethylene glycol), α,ω -bis(amino)-terminated 機能性ポリマー

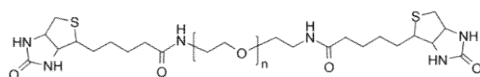
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P4664-EG2NH2	$M_n \times 10^3 : 0.9$	$M_w/M_n : 1.1$		1g
P6496-EG2NH2	$M_n \times 10^3 : 1.15$	$M_w/M_n : 1.1$		1g
P20223N-EG2NH2	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.2$		1g
P8398-EG2NH2	$M_n \times 10^3 : 2$	$M_w/M_n : 1.08$		1g
PEG-2NH2	$M_n \times 10^3 : 2.9$	$M_w/M_n : 1.07$		1g

Poly(ethylene glycol), α,ω -bis(Biotinyl)-terminated 機能性ポリマー

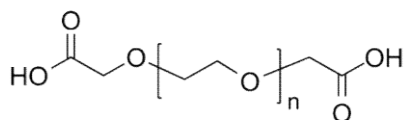
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P6231-EG2Biotin	$M_n \times 10^3 : 3$	$M_w/M_n : 1.07$		0.5g
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Poly(ethylene glycol), α,ω -bis(carboxy [acetic acid])-terminated 機能性ポリマー

Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid

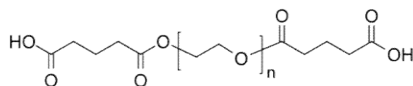


Comments: Comments column Functionality %

P14177-EG2CH2COOH	$M_n \times 10^3$: 0.4	Mw/Mn : 1.2	99%	1g
P14178-EG2CH2COOH	$M_n \times 10^3$: 0.6	Mw/Mn : 1.15	99%	1g
P14183-EG2CH2COOH	$M_n \times 10^3$: 1.1	Mw/Mn : 1.1	99%	1g
P14175-EG2CH2COOH	$M_n \times 10^3$: 2	Mw/Mn : 1.15	99%	1g
P14179-EG2CH2COOH	$M_n \times 10^3$: 3.4	Mw/Mn : 1.05	99%	1g
P14176-EG2CH2COOH	$M_n \times 10^3$: 4.5	Mw/Mn : 1.1	99%	1g
P14180-EG2CH2COOH	$M_n \times 10^3$: 10	Mw/Mn : 1.05	97%	1g
P14181-EG2CH2COOH	$M_n \times 10^3$: 20	Mw/Mn : 1.1	95%	1g
P14182-EG2CH2COOH	$M_n \times 10^3$: 30	Mw/Mn : 1.4	98%	1g

Poly(ethylene glycol), α,ω -bis(carboxy [glutaric acid])-terminated 機能性ポリマー

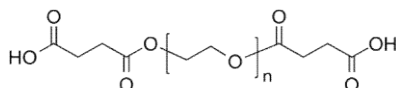
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P8901A-EG2GA	$M_n \times 10^3$: 10	Mw/Mn : 1.1	1g
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Poly(ethylene glycol), α,ω -bis(carboxy [succinic acid])-terminated 機能性ポリマー

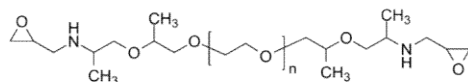
Poly(ethylene oxide) or poly(ethylene glycol), functionalized with carboxylic acid



P7570-EG2SA	$M_n \times 10^3$: 1.9	Mw/Mn : 1.05	1g
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Poly(ethylene glycol), α,ω -bis(epoxy)-terminated 機能性ポリマー

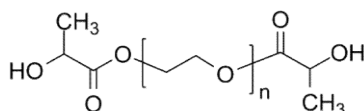
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P14330A-Egdiepoxy	$M_n \times 10^3 : 1$	$M_w/M_n : 1.15$	1g
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Poly(ethylene glycol), α,ω -bis(lactide)-terminated 機能性ポリマー

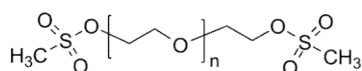
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P8474-EO2LA	$M_n \times 10^3 : 8$	$M_w/M_n : 1.09$	1g
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Poly(ethylene glycol), α,ω -bis(mesylate)-terminated 機能性ポリマー

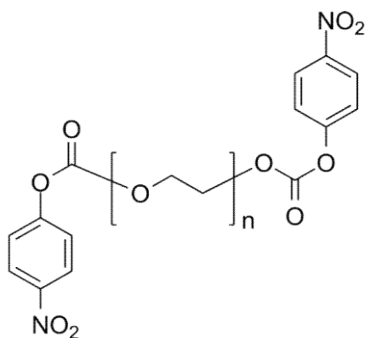
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P16182-EG2Mes	$M_n \times 10^3 : 1$	$M_w/M_n : 1.10$	f(mesylate)>99%	1g
P16306-EG2Mes	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.10$	f(mesylate)>88%	1g
P20257A-EG2Mes	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.15$	f(mesylate)>99%	1g
P40843-EG2Mes	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.10$	f(mesylate)>98%	1g
P16382-EG2Mes	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	f(mesylate)=99%	1g
P20248-EG2Mes	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.04$	f(mesylate)=99%	1g

Poly(ethylene glycol), α,ω -bis(para-nitrophenyl carbonate)-terminated 機能性ポリマー

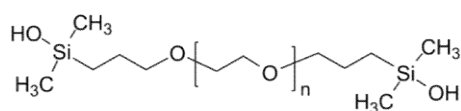
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P40685-EGNPC2	$M_n \times 10^3 : 8$	$M_w/M_n : 1.1$	$f=98\%$	1g
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Poly(ethylene glycol), α,ω -bis(silanol)-terminated 機能性ポリマー

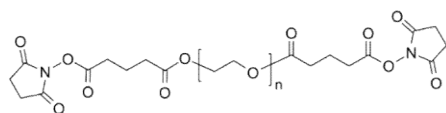
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P41025-EG2SiOH	$M_n \times 10^3 : 1.4$	$M_w/M_n : 1.08$		1g
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Poly(ethylene glycol), α,ω -bis(succinimidyl glutarate)-terminated 機能性ポリマー

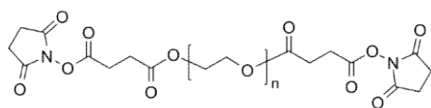
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P7376-EGSG2	$M_n \times 10^3 : 1.94$	$M_w/M_n : 1.05$		1g
P40692A-EGSG2	$M_n \times 10^3 : 3$	$M_w/M_n : 1.09$		1g
P40688-EGSG2	$M_n \times 10^3 : 8$	$M_w/M_n : 1.1$		1g
P8901-EGSG2	$M_n \times 10^3 : 10$	$M_w/M_n : 1.1$		1g

Poly(ethylene glycol), α,ω -bis(succinimidyl succinate)-terminated 機能性ポリマー

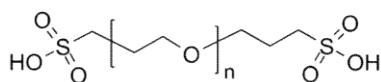
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P7570A-EGSS2	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.05$	1g
P8311-EGSS2	$M_n \times 10^3 : 2$	$M_w/M_n : 1.05$	1g
P40691-EGSS2	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.08$	1g
P6003-EGSS2	$M_n \times 10^3 : 3.4$	$M_w/M_n : 1.1$	1g

Poly(ethylene glycol), α,ω -bis(sulfonic acid)-terminated 機能性ポリマー

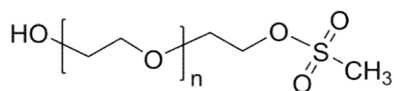
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P2778-EO2SO3H	$M_n \times 10^3 : 52$	$M_w/M_n : 1.06$	1g
P2783-EO2SO3H	$M_n \times 10^3 : 69$	$M_w/M_n : 1.07$	1g

Poly(ethylene glycol), ω -mesylate-terminated 機能性ポリマー

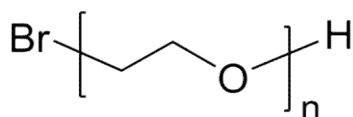
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P40295-Egmesylate	$M_n \times 10^3 : 6$	$M_w/M_n : 1.1$	1g
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Poly(ethylene glycol), α -bromo-terminated 機能性ポリマー

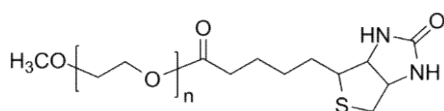
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P5618-EOBrOH	Mn x 10 ³ : 240	Mw/Mn : 1.26	1g
P5624-EOBrOH	Mn x 10 ³ : 280	Mw/Mn : 1.25	1g

Poly(ethylene oxide) methyl ether, ω -Biotinyl-terminated 機能性ポリマー

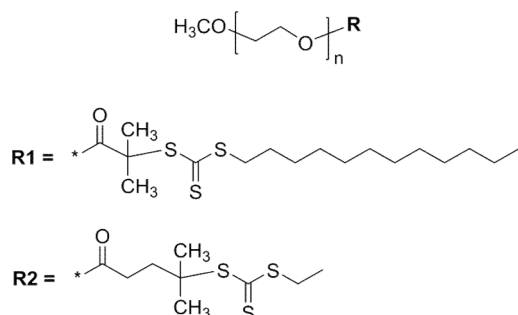
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P20073F1-EOOCH3Biotin	Mn x 10 ³ : 2.4	Mw/Mn : 1.2	1g
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Poly(ethylene oxide) methyl ether, ω -RAFT-terminated 機能性ポリマー

RAFT agents (macroinitiators)

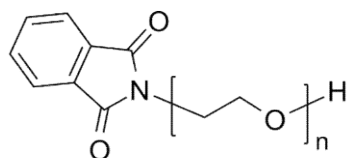


RAFT: 2-methyl-2-propionic acid dodecyl trithiocarbonate.

P16087-EO-OCH3-RAFT	Mn x 10 ³ : 2	Mw/Mn : 1.1	R1	1g
P20049-EO-RAFT2	Mn x 10 ³ : 2.4	Mw/Mn : 1.1	R1	1g
P41472-EO-OCH3-RAFT	Mn x 10 ³ : 42.5	Mw/Mn : 1.13	R2	1g

Poly(ethylene glycol), α -phthalimidyl-terminated 機能性ポリマー

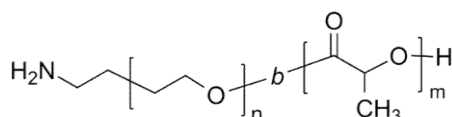
Poly(ethylene oxide) or poly(ethylene glycol), other functionalized



P40585-EGPhthlm	$M_n \times 10^3$: 3.5	Mw/Mn : 1.10	1g
P40584-Phthlm-EG	$M_n \times 10^3$: 6	Mw/Mn : 1.10	1g
P40570-Phthlm-EG	$M_n \times 10^3$: 6.5	Mw/Mn : 1.10	1g

Poly(ethylene oxide)-b-poly(lactide), α -amino-terminated 機能性ブロックコポリマー

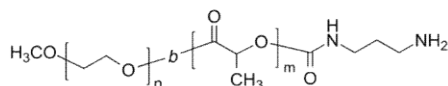
\Poly(ethylene oxide)-b-poly(lactide), functionalized



P10275B-NH2EGLA	$M_n \times 10^3$: 2.6-b-2.6	Mw/Mn : 1.1	1g
P4343-EGLANH2	$M_n \times 10^3$: 10-b-1.4	Mw/Mn :	1g

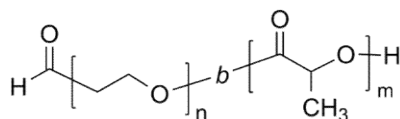
Poly(ethylene oxide)-b-poly(lactide), ω -amino-terminated 機能性ブロックコポリマー

Poly(ethylene oxide)-b-poly(lactide), functionalized



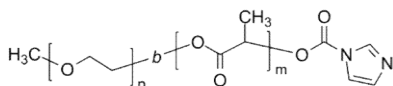
P40845-mPEGLA-NH2	$M_n \times 10^3$: 2-b-1.6	Mw/Mn : 1.13	f>98%	1g
P40810-mPEGLA-NH2	$M_n \times 10^3$: 2-b-2	Mw/Mn : 1.13	f>98%	1g
P41137-mPEGLA-NH2	$M_n \times 10^3$: 2-b-2	Mw/Mn : 1.13	f>98%	1g
P40846A-mPEGLA-NH2	$M_n \times 10^3$: 5-b-3.4	Mw/Mn : 1.1	f>98%	1g

Poly(ethylene oxide)-b-poly(lactide), α -formyl-terminated 機能性ブロックコポリマー
Poly(ethylene oxide)-b-poly(lactide), functionalized



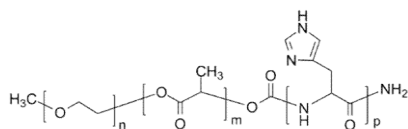
P4335B-EGLACHO	$M_n \times 10^3$: 4-0.6	M_w/M_n : 1.1	1g
P4341-EGLACHO	$M_n \times 10^3$: 4-0.4	M_w/M_n : 1.1	1g
P4348-EGLACHO	$M_n \times 10^3$: 5.1-4.5	M_w/M_n : 1.1	1g

Poly(ethylene oxide)-b-poly(lactide), ω -imidazole-terminated 機能性ブロックコポリマー
Poly(ethylene oxide)-b-poly(lactide), functionalized



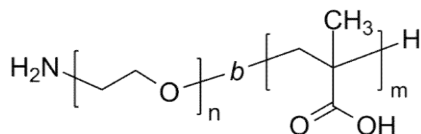
P16321-mPEGLA-ID	$M_n \times 10^3$: 2-b-1.4	M_w/M_n : 1.13	DL-lactide	1g
P40727A-mPEGLA-IM	$M_n \times 10^3$: 2-b-2	M_w/M_n : 1.15	DL-lactide	1g
P40728A-mPEGLA-IM	$M_n \times 10^3$: 2-b-2	M_w/M_n : 1.13	DL-lactide	1g
P40845A-mPEGLA-ID	$M_n \times 10^3$: 2-b-2	M_w/M_n : 1.13	DL-lactide	1g
P40846B-mPEGLA-ID	$M_n \times 10^3$: 5-b-3.4	M_w/M_n : 1.1	DL-lactide	1g

Poly(ethylene oxide)-b-poly(lactide)-poly(histidine), (α -methoxy, ω -amino)-terminated 機能性トリブロックコポリマー
Functionalized Triblock Copolymer



P40875A-mPEG-LA-HisNH2	$M_n \times 10^3$: 1-b-1.6-b-4.5	M_w/M_n : 1.3	DL-lactide	0.5g
P41137A-mPEG-LA-HisNH2	$M_n \times 10^3$: 2-b-1.2-b-0.3	M_w/M_n : 1.3	DL-lactide	0.5g
P40893B-mPEG-LA-HisNH2	$M_n \times 10^3$: 2-b-2-b-1	M_w/M_n : 1.3	DL-lactide	0.5g
P41219-mPEG-LA-HisNH2	$M_n \times 10^3$: 2-b-2-b-1.8	M_w/M_n : 1.2	DL-lactide	0.5g
P40866AA-mPEG-LA-HisNH2	$M_n \times 10^3$: 2-b-2-b-3.2	M_w/M_n : 1.2	DL-lactide	0.5g
P40866E-mPEG-LA-HisNH2	$M_n \times 10^3$: 2-b-0.5-b-4.5	M_w/M_n : 1.3	DL-lactide	0.5g
P40897-mPEG-LA-HisNH2	$M_n \times 10^3$: 5-b-3.4-b-2.5	M_w/M_n : 1.3	DL-lactide	0.5g

Poly(ethylene oxide)-b-poly(methacrylic acid), α -amino-terminated 機能性ブロックコポリマー
Functionalized Diblock Copolymer

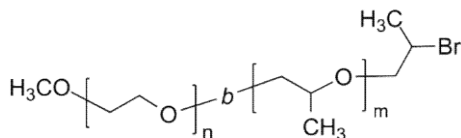


P5565-NH2EGMAA	$M_n \times 10^3$: 4-b-0.5	M_w/M_n : 1.15	1g
P5538-NH2EGMAA	$M_n \times 10^3$: 4-b-1.3	M_w/M_n : 1.3	1g
P5536A-NH2EGMAA	$M_n \times 10^3$: 5-b-0.30	M_w/M_n : 1.08	1g
P5564-NH2EGMAA	$M_n \times 10^3$: 5-b-3.0	M_w/M_n : 1.3	1g
P5535-NH2EGMAA	$M_n \times 10^3$: 5-b-5.0	M_w/M_n : 1.7	1g
P4867-NH2EGMAA	$M_n \times 10^3$: 6-b-2.0	M_w/M_n : 1.15	1g
P4739A-NH2EGMAA	$M_n \times 10^3$: 11.5-b-2.2	M_w/M_n : 1.2	1g

Poly(ethylene oxide)-b-poly(propylene oxide), ω -bromo-terminated 機能性ブロックコポリマー

Synonym: Poly(ethylene glycol)-b-poly(propylene glycol), ω -bromo-terminated.

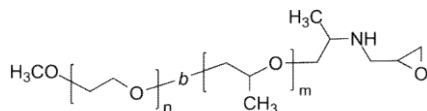
Poly(ethylene oxide)-b-poly(propylene oxide), functionalized



P10382-mPEGPOBr	$M_n \times 10^3$: 0.4-b-0.90	M_w/M_n : 1.2	1g
P10382A-mPEGPOBr	$M_n \times 10^3$: 0.4-b-1.0	M_w/M_n : 1.2	1g

Poly(ethylene oxide)-b-poly(propylene oxide), ω -epoxy-terminated 機能性ブロックコポリマー

Poly(ethylene oxide)-b-poly(propylene oxide), functionalized

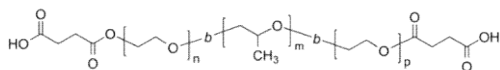


P10393-mPEGPOEpoxy	$M_n \times 10^3$: 0.2-b-1.8	M_w/M_n : 1.15	1g
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Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), α,ω -bis(carboxy)-terminated

機能性トリブロックコポリマー

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized

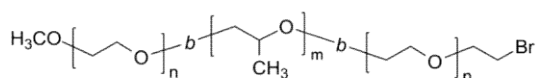


P40768B-EOPOEO-2COOH	$M_n \times 10^3$: 4.6-b-3.3-b-4.6	Mw/Mn : 1.09	F-127 Pluronic	1g
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Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), (α -methoxy, ω -bromo)-terminated

機能性トリブロックコポリマー

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized

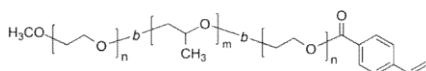


P10483B-EOPOEOBr	$M_n \times 10^3$: 0.28-b-1.3-b-0.7	Mw/Mn : 1.09	1g
P10527A-EOPOEOBr	$M_n \times 10^3$: 0.3-b-1.6-b-0.5	Mw/Mn : 1.09	1g
P11312-EOPOEOBr	$M_n \times 10^3$: 0.44-b-1.4-b-0.3	Mw/Mn : 1.09	1g
P11445C-EOPOEOBr	$M_n \times 10^3$: 0.45-b-1.3-b-0.6	Mw/Mn : 1.09	1g
P14592-EOPOEOBr	$M_n \times 10^3$: 0.45-b-1.3-b-1.5	Mw/Mn : 1.09	1g
P11445B-EOPOEOBr	$M_n \times 10^3$: 0.45-b-1.3-b-1.5	Mw/Mn : 1.09	1g

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), (α -methoxy, ω -styrene)-terminated

機能性トリブロックコポリマー

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized

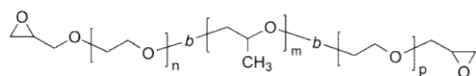


P11219-EOPOEOStyrene	$M_n \times 10^3$: 0.44-b-1.3-b-0.3	Mw/Mn : 1.09	1g
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Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), α,ω -bis(epoxy)-terminated

機能性トリブロックコポリマー

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized

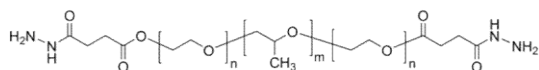


P10571-EOPOEOdiepoxy	Mn x 10 ³ : 0.3-b-1.9-b-0.6	Mw/Mn : 1.09	1g
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Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), α,ω -bis(hydrazide)-terminated

機能性トリブロックコポリマー

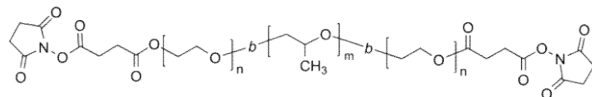
Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized



P41354-EOPOEO-2NHNH2	Mn x 10 ³ : 4.6-b-3.3-b-4.6	Mw/Mn : 1.09	1g
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Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), α,ω -bis(succinimidyl succinate)-terminated**機能性トリブロックコポリマー**

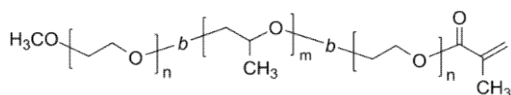
Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized



P6002-EOPOEOSS2	$M_n \times 10^3$: 1.6-b-0.5-b-1.6	M_w/M_n : 1.07	1g
P19108A-EOPOEOSS2	$M_n \times 10^3$: 1.6-b-3.2-b-1.6	M_w/M_n : 1.09	1g
P40768-EOPOEOSS2	$M_n \times 10^3$: 1.7-b-9.2-b-1.7	M_w/M_n : 1.07	1g
P19406A-EOPOEOSS2	$M_n \times 10^3$: 3.6-b-4.0-b-3.6	M_w/M_n : 1.18	1g
P19408A-EOPOEOSS2	$M_n \times 10^3$: 3.9-b-4.0-b-3.9	M_w/M_n : 1.18	1g
P40768-EOPOEOSS2	$M_n \times 10^3$: 4.6-b-3.3-b-4.6	M_w/M_n : 1.09	1g

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), α -methacrylate-terminated**機能性トリブロックコポリマー**

Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide), functionalized

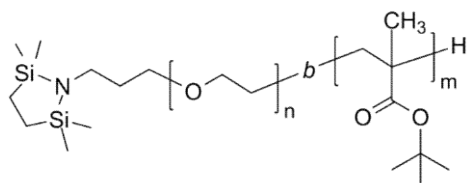


P10836-EOPOEOMA	$M_n \times 10^3$: 0.28-b-0.85-b-0.4	M_w/M_n : 1.15	1g
P10837-EOPOEOMA	$M_n \times 10^3$: 0.3-b-1.7-b-0.6	M_w/M_n : 1.09	1g
P14531-EOPOEOMA	$M_n \times 10^3$: 0.44-b-1.3-b-0.30	M_w/M_n : 1.09	1g
P10854A-EOPOEOMA	$M_n \times 10^3$: 0.5-b-1.1-b-0.3	M_w/M_n : 1.09	1g

Poly(ethylene oxide)-b-poly(tert-butyl methacrylate), α -amino-terminated, protected end-group

機能性ブロックコポリマー

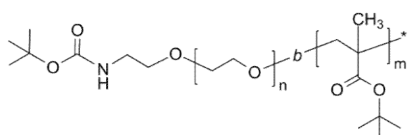
Poly(ethylene oxide)-b-poly(tert-butyl methacrylate), functionalized



P4742-NH2EGtBuMA	$M_n \times 10^3$: 13-b-3.5	M_w/M_n : 1.2	1g
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Poly(ethylene oxide)-b-poly(tert-butyl methacrylate), α -butoxycarbonylamino-terminated 機能性ブロックコポリマー

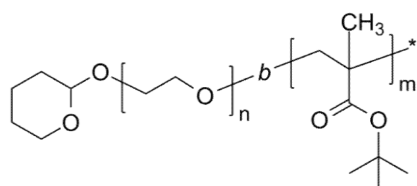
Poly(ethylene oxide)-b-poly(tert-butyl methacrylate), functionalized



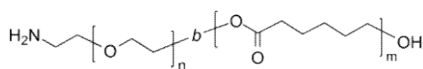
P4858B-BOCEGtBuMA	$M_n \times 10^3$: 5-b-5.0	M_w/M_n : 1.15	1g
P4867B-BOCEGtBuMA	$M_n \times 10^3$: 6-b-3.0	M_w/M_n : 1.15	1g

Poly(ethylene oxide)-b-poly(tert-butyl methacrylate), α -tetrahydropyranyl-terminated 機能性ブロックコポリマー

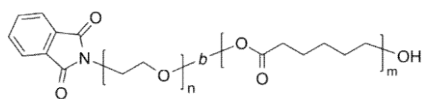
Poly(ethylene oxide)-b-poly(tert-butyl methacrylate), functionalized



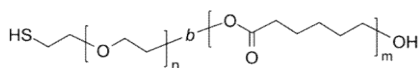
P4548A-EOTBuMA	$M_n \times 10^3$: 8-b-2.0	M_w/M_n : 1.15	1g
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Poly(ethylene oxide)-b-poly(ϵ -caprolactone), (α -amino, ω -hydroxy)-terminated 機能性ブロックコポリマーPoly(ethylene oxide)-b-poly(ϵ -caprolactone), functionalized

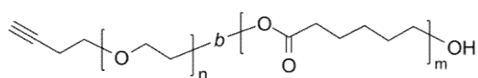
P10277A-NH2EGCL	Mn x 10 ³ : 2.2-b-7.0	Mw/Mn : 1.3	1g
P18269-NH2EGCL	Mn x 10 ³ : 2.2-b-12.5	Mw/Mn : 1.3	1g
P18102A-NH2EGCL	Mn x 10 ³ : 2.2-b-13.0	Mw/Mn : 1.3	1g
P18103-NH2EGCL	Mn x 10 ³ : 2.2-b-16.0	Mw/Mn : 1.3	1g
P18104-NH2EGCL	Mn x 10 ³ : 2.2-b-27.0	Mw/Mn : 1.3	1g
P18272A-NH2EGCL	Mn x 10 ³ : 2.5-b-7.5	Mw/Mn : 1.2	1g
P18272C-NH2EGCL	Mn x 10 ³ : 2.5-b-9	Mw/Mn : 1.2	1g
P18272B-NH2EGCL	Mn x 10 ³ : 2.5-b-9.5	Mw/Mn : 1.2	1g
P10275A-NH2EGCL	Mn x 10 ³ : 2.6-b-3.0	Mw/Mn : 1.1	1g
P10343D-NH2EGCL	Mn x 10 ³ : 4-b-1.7	Mw/Mn : 1.13	1g
P10343C-NH2EGCL	Mn x 10 ³ : 4-b-10	Mw/Mn : 1.15	1g
P10273C-NH2EGCL	Mn x 10 ³ : 4-b-15.0	Mw/Mn : 1.3	1g
P18077A-NH2EGCL	Mn x 10 ³ : 4-b-15	Mw/Mn : 1.45	1g
P18077B-NH2EGCL	Mn x 10 ³ : 4-b-30	Mw/Mn : 1.5	1g
P18077C-NH2EGCL	Mn x 10 ³ : 4-b-35	Mw/Mn : 1.6	1g
P18077D-NH2EGCL	Mn x 10 ³ : 4-b-35	Mw/Mn : 1.5	1g
P40576C-NH3EGCL	Mn x 10 ³ : 5-b-4	Mw/Mn : 1.18	1g
P40576A-NH5EGCL	Mn x 10 ³ : 5-b-6.5	Mw/Mn : 1.18	1g
P40582A-NH6EGCL	Mn x 10 ³ : 5-b-6.5	Mw/Mn : 1.11	1g
P40583B-NH7EGCL	Mn x 10 ³ : 5-b-6.5	Mw/Mn : 1.25	1g
P40582B-NH8EGCL	Mn x 10 ³ : 5-b-7.5	Mw/Mn : 1.3	1g
P18353A-NH9EGCL	Mn x 10 ³ : 5-b-10.5	Mw/Mn : 1.5	1g
P40583A-NH10EGCL	Mn x 10 ³ : 5-b-10.5	Mw/Mn : 1.4	1g
P40583C-NH2EGCL	Mn x 10 ³ : 5-b-10.5	Mw/Mn : 1.35	1g
P18357-NH2EGCL	Mn x 10 ³ : 5-b-15	Mw/Mn : 1.5	1g
P18343-NH2EGCL	Mn x 10 ³ : 5-b-15.5	Mw/Mn : 1.5	1g
P18353P-NH2EGCL	Mn x 10 ³ : 5-b-17	Mw/Mn : 1.3	1g
P18357A-NH2EGCL	Mn x 10 ³ : 5-b-19.5	Mw/Mn : 1.5	1g
P11500-NH2EGCL	Mn x 10 ³ : 5.5-b-8	Mw/Mn : 1.25	1g
P11472A-NH2EGCL	Mn x 10 ³ : 5.5-b-14	Mw/Mn : 1.25	1g
P18314-NH2EGCL	Mn x 10 ³ : 5.5-b-37	Mw/Mn : 1.6	1g
P18084-NH2EGCL	Mn x 10 ³ : 5.5-b-43	Mw/Mn : 1.5	1g
P4543B-NH2EGCL	Mn x 10 ³ : 5.5-b-50.0	Mw/Mn : 1.7	1g
P11480A-NH2EGCL	Mn x 10 ³ : 6-b-12.5	Mw/Mn : 1.3	1g
P11480B-NH2EGCL	Mn x 10 ³ : 6-b-16	Mw/Mn : 1.3	1g
P11480C-NH2EGCL	Mn x 10 ³ : 6-b-22	Mw/Mn : 1.3	1g
P40581A-NH2EGCL	Mn x 10 ³ : 12-b-22	Mw/Mn : 1.4	1g

Poly(ethylene oxide)-b-poly(ϵ -caprolactone), (α -phthalimidyl, ω -hydroxy)-terminated 機能性ブロックコポリマーPoly(ethylene oxide)-b-poly(ϵ -caprolactone), functionalized

P40581-PhthlmEGCL	$M_n \times 10^3$: 12-b-22	M_w/M_n : 1.4	1g
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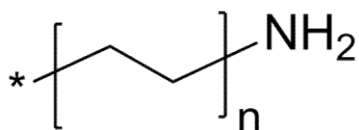
Poly(ethylene oxide)-b-poly(ϵ -caprolactone), (α -thiol, ω -hydroxy)-terminated 機能性ブロックコポリマーPoly(ethylene oxide)-b-poly(ϵ -caprolactone), functionalized

P8738-HSEOCL	$M_n \times 10^3$: 2.5-b-7.5	M_w/M_n : 1.6	1g
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Poly(ethylene oxide)-b-poly(ϵ -caprolactone), α -alkyne-terminated 機能性ブロックコポリマーPoly(ethylene oxide)-b-poly(ϵ -caprolactone), functionalized

P10221A-AlkyneEOCL	$M_n \times 10^3$: 3-b-73	M_w/M_n : 1.4	$f > 95\%$	1g
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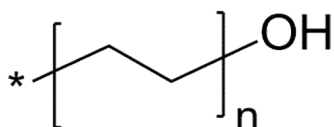
Poly(ethylene), α -amino-terminated 機能性ポリマー
Polyethylenes, functionalized



Comments: Obtained by hydrogenation of poly(1,4-butadiene). Hydrogenation is over 90%.

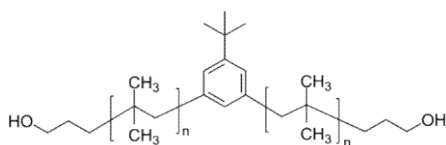
P6119-ENH2	Mn x 10 ³ : 4.2	Mw/Mn : 1.05	1g
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Poly(ethylene), α -hydroxy-terminated 機能性ポリマー Polyethylenes, functionalized
Obtained by hydrogenation of poly(1,4-butadiene).



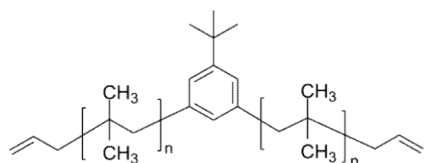
P4604-EOH	Mn x 10 ³ : 5	Mw/Mn : 1.05	1g
P2890-EOH	Mn x 10 ³ : 11.9	Mw/Mn : 1.04	1g
P2902-EOH	Mn x 10 ³ : 21	Mw/Mn : 1.05	1g

Poly(isobutylene), α,ω -bis(hydroxy)-terminated 機能性ポリマー
Polyolefins, functionalized



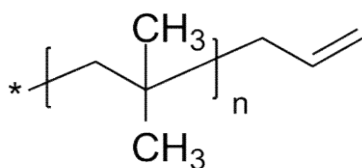
P6486-IB2OH	Mn x 10 ³ : 3.8	Mw/Mn : 1.3	1g
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Poly(isobutylene), α,ω -bis(allyl)-terminated 機能性ポリマー
 Polyisobutylenes, functionalized



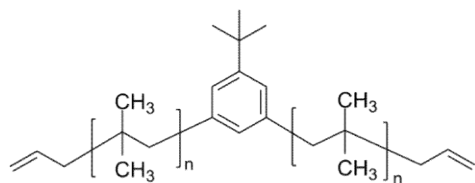
P4195F-IB2Allyl	$M_n \times 10^3 : 1.8$	$M_w/M_n : 1.3$	1g
P41117-IB2Allyl	$M_n \times 10^3 : 2$	$M_w/M_n : 1.3$	1g
P41127-IB2Allyl	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.4$	1g
P6480-IB2Vinyl	$M_n \times 10^3 : 3.8$	$M_w/M_n : 1.3$	1g
P41121-IB2Allyl	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.3$	1g
P41124-IB2Allyl	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.3$	1g
P41376-IB2Allyl	$M_n \times 10^3 : 5$	$M_w/M_n : 1.3$	1g
P41125-IB2Allyl	$M_n \times 10^3 : 12$	$M_w/M_n : 1.29$	1g

Poly(isobutylene), α -allyl-terminated 機能性ポリマー
 Polyolefins, functionalized



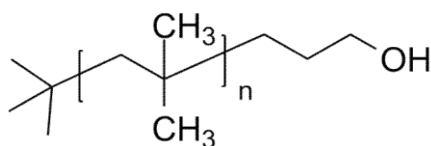
P6481A-IbV	$M_n \times 10^3 : 0.5$	$M_w/M_n : 1.5$	1g
P6481-IbV	$M_n \times 10^3 : 0.6$	$M_w/M_n : 1.7$	1g
P18905A-IbV	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.3$	1g
P18905-IbV	$M_n \times 10^3 : 1.6$	$M_w/M_n : 1.25$	1g
P6214-IbV	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.6$	1g
P18906-IbV	$M_n \times 10^3 : 8$	$M_w/M_n : 1.18$	1g
P18895-IbV	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.18$	1g
P18908-IbV	$M_n \times 10^3 : 16.5$	$M_w/M_n : 1.1$	1g

Poly(isobutylene), α,ω -bis(allyl)-terminated 機能性ポリマー
Polyolefins, functionalized



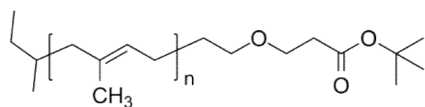
P41095F-IB2Allyl	$M_n \times 10^3 : 1.8$	$M_w/M_n : 1.3$	1g
P41117-IB2Allyl	$M_n \times 10^3 : 2$	$M_w/M_n : 1.3$	1g
P41127-IB2Allyl	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.4$	1g
P6480-IB2Allyl	$M_n \times 10^3 : 3.8$	$M_w/M_n : 1.3$	1g
P41121-IB2Allyl	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.3$	1g
P41124-IB2Allyl	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.3$	1g
P41376-IB2Allyl	$M_n \times 10^3 : 5$	$M_w/M_n : 1.3$	1g
P41125-IB2Allyl	$M_n \times 10^3 : 12$	$M_w/M_n : 1.29$	1g

Poly(isobutylene), ω -hydroxy-terminated 機能性ポリマー
Polyolefins, functionalized



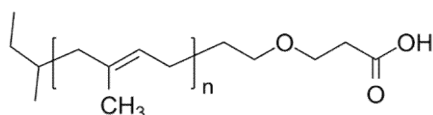
P18889-IBOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.4$	$\bar{f} > 95\%$	1g
P11189-IBOH	$M_n \times 10^3 : 3.8$	$M_w/M_n : 1.28$		1g
P11191-IBOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.25$		1g
P18890-IBOH	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.4$	$\bar{f} > 80\%$	1g
P4947-IBOH	$M_n \times 10^3 : 7$	$M_w/M_n : 1.25$		1g
P18895A-IBOH	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.18$	$\bar{f} > 95\%$	1g
P18907-IBOH	$M_n \times 10^3 : 15$	$M_w/M_n : 1.15$	$\bar{f} > 88\%$	1g
P18908-IBOH	$M_n \times 10^3 : 16.5$	$M_w/M_n : 1.1$	$\bar{f} > 90\%$	1g

Poly(1,4-isoprene), ω -(tert-butyl ester)-terminated 機能性ポリマー
Poly(isoprene), functionalized



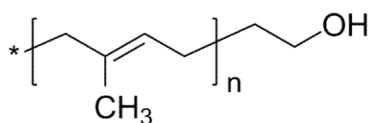
P10805-IPCOOtBu	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.1$	1g
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Poly(1,4-isoprene), α -carboxy-terminated 機能性ポリマー
Poly(isoprene), functionalized



P10805A-IPCOOH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.1$	1g
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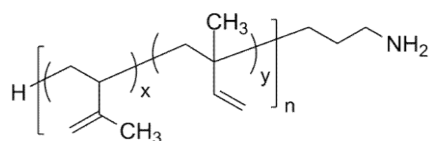
Poly(1,4-isoprene), α -hydroxy-terminated 機能性ポリマー
Poly(isoprene), functionalized



P13279-IPOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.08$	1g
P19356-IPOH	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.07$	1g
P9528-IPOH	$M_n \times 10^3 : 22$	$M_w/M_n : 1.06$	1g
P6202-IPOH	$M_n \times 10^3 : 26$	$M_w/M_n : 1.05$	1g
P8916-IPOH	$M_n \times 10^3 : 36$	$M_w/M_n : 1.08$	1g
P8920-IPOH	$M_n \times 10^3 : 45$	$M_w/M_n : 1.07$	1g
P42016-IPOH	$M_n \times 10^3 : 48$	$M_w/M_n : 1.02$	1g

Poly(1,2-isoprene), α -amino-terminated**機能性ポリマー**

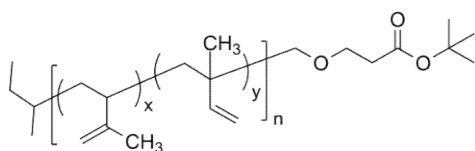
Poly(isoprene), functionalized



P11182A-IPNH2	$M_n \times 10^3 : 30$	$M_w/M_n : 1.45$	1g
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Poly(1,2-isoprene-co-3,4-isoprene), α -(tert-butyl ester)-terminated**機能性ポリマー**

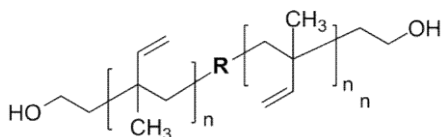
Poly(isoprene), functionalized



P10690-IPCOOtBu	$M_n \times 10^3 : 5.1$	$M_w/M_n : 1.1$	1g
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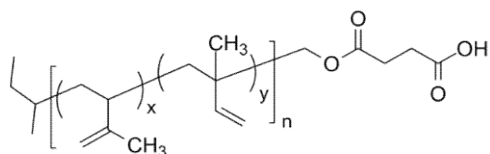
Poly(1,2-isoprene-co-3,4-isoprene), α,ω -bis(hydroxy)-terminated**機能性ポリマー**

Poly(isoprene), functionalized



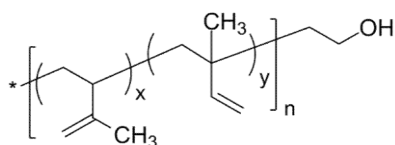
P18803-IP2OH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.25$	$f > 1.98$	1g
P18804-IP2OH	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.14$	$f > 1.98$	1g
P9336-IP2OH	$M_n \times 10^3 : 16$	$M_w/M_n : 1.12$	$f > 1.98$	1g

Poly(1,2-isoprene-co-3,4-isoprene), α -carboxy-terminated 機能性ポリマー
Poly(isoprene), functionalized



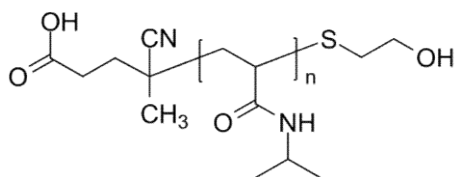
P10690A-IPCOOH	$M_n \times 10^3$: 5.1	M_w/M_n : 1.1	1g
P10726A-IPCOOH	$M_n \times 10^3$: 60	M_w/M_n : 1.25	1g

Poly(1,2-isoprene-co-3,4-isoprene), α -hydroxy-terminated 機能性ポリマー
Poly(isoprene), functionalized



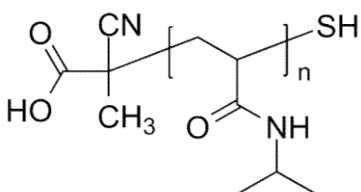
P4124-IPOH	$M_n \times 10^3$: 1.6	M_w/M_n : 1.3	$\bar{P} > 90\%$	1g
P4127-IPOH	$M_n \times 10^3$: 3	M_w/M_n : 1.09	$\bar{P} > 90\%$	1g
P10726-IPOH	$M_n \times 10^3$: 6	M_w/M_n : 1.25	$\bar{P} > 85\%$	1g
P19552-IPOH	$M_n \times 10^3$: 9.5	M_w/M_n : 1.18	$\bar{P} > 98\%$	1g
P9529-IPOH	$M_n \times 10^3$: 12.5	M_w/M_n : 1.06	$\bar{P} > 90\%$	1g
P18844-IPOH	$M_n \times 10^3$: 15	M_w/M_n : 1.05	$\bar{P} > 95\%$	1g
P10719-IPOH	$M_n \times 10^3$: 17	M_w/M_n : 1.1	$\bar{P} > 94\%$	1g
P18833B-IPOH	$M_n \times 10^3$: 18	M_w/M_n : 1.09	$\bar{P} > 95\%$	1g
P18851-IPOH	$M_n \times 10^3$: 20.5	M_w/M_n : 1.07	$\bar{P} > 95\%$	1g
P10700-IPOH	$M_n \times 10^3$: 29	M_w/M_n : 1.09	$\bar{P} > 50\%$	1g
P18849-IPOH	$M_n \times 10^3$: 37	M_w/M_n : 1.7	$\bar{P} > 95\%$	1g

Poly(N-isopropyl acrylamide), (α -carboxy, ω -hydroxy)-terminated 機能性ポリマー
 Polyacrylamides, functionalized



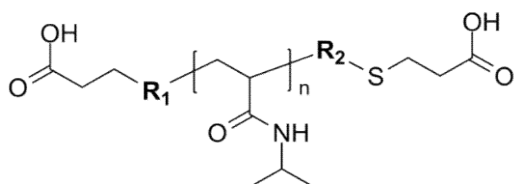
P4151-9-HONIPAMCOOH	$M_n \times 10^3$: 11.5	M_w/M_n : 1.3	1g
P4151-8-HONIPAMCOOH	$M_n \times 10^3$: 21	M_w/M_n : 1.2	1g
P4151-7-NIPAMOHCOOH	$M_n \times 10^3$: 30	M_w/M_n : 1.4	1g
P4151-6-HONIPAMCOOH	$M_n \times 10^3$: 32	M_w/M_n : 1.3	1g
P4151-3-HONIPAMCOOH	$M_n \times 10^3$: 40	M_w/M_n : 1.7	1g
P4151-4-HONIPAMCOOH	$M_n \times 10^3$: 48	M_w/M_n : 1.5	1g
P4151-1-HONIPAMCOOH	$M_n \times 10^3$: 71	M_w/M_n : 1.5	1g
P4151-2-HONIPAMCOOH	$M_n \times 10^3$: 72	M_w/M_n : 1.5	1g

Poly(N-isopropyl acrylamide), (α -carboxy, ω -thiol)-terminated 機能性ポリマー
 Polyacrylamides, functionalized



P5739-NIPAMSHCOOH	$M_n \times 10^3$: 1.3	M_w/M_n : 1.35	1g
P7322A-NIPAMSHCOOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.28	1g
P7324A-NIPAMSHCOOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.28	1g
P5758-NIPAMSHCOOH	$M_n \times 10^3$: 10	M_w/M_n : 1.4	1g
P5756-NIPAMSHCOOH	$M_n \times 10^3$: 15	M_w/M_n : 1.18	1g
P6698-NIPAMSHCOOH	$M_n \times 10^3$: 30	M_w/M_n : 1.25	1g

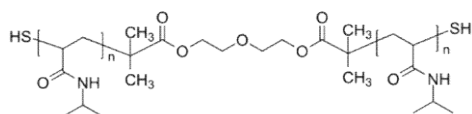
Poly(N-isopropyl acrylamide), α,ω -bis(carboxy)-terminated 機能性ポリマー
Polyacrylamides, functionalized



Comments: * Mn Determined by titration

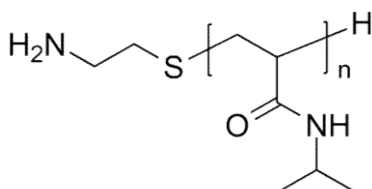
P16020A-NIPAM2COOH	Mn x 10 ³ : 2.2	Mw/Mn : 1.2	1g
P6141C-NIPAM2COOH	Mn x 10 ³ : 4.6	Mw/Mn : 1.55	1g
P9110A-NIPAM2COOH	Mn x 10 ³ : 5	Mw/Mn : 1.46	1g
P9110B-NIPAM2COOH	Mn x 10 ³ : 5.2	Mw/Mn : 1.9	1g
P16057-NIPAM2COOH	Mn x 10 ³ : 6	Mw/Mn : 1.13	1g
P6141A-NIPAM2COOH	Mn x 10 ³ : 6.5	Mw/Mn : 2.48	1g
P6141B-NIPAM2COOH	Mn x 10 ³ : 6.7	Mw/Mn : 2.7	1g
P9110D-NIPAM2COOH	Mn x 10 ³ : 8.5	Mw/Mn : 2	1g
P9110E-NIPAM2COOH	Mn x 10 ³ : 10	Mw/Mn : 2.2	1g
P16039A-NIPAM2COOH	Mn x 10 ³ : 12.5	Mw/Mn : 1.28	1g
P16040A-NIPAM2COOH	Mn x 10 ³ : 13	Mw/Mn : 1.08	1g
P4149-7-NIPAM2COOH	Mn x 10 ³ : 14	Mw/Mn : 1.23	1g
P16040D-NIPAM2COOH	Mn x 10 ³ : 14.5	Mw/Mn : 1.07	1g
P16040-NIPAM2COOH	Mn x 10 ³ : 14.5	Mw/Mn : 1.22	1g
P16039F-NIPAM2COOH	Mn x 10 ³ : 17	Mw/Mn : 1.23	1g
P4149-6-NIPAM2COOH	Mn x 10 ³ : 18.5	Mw/Mn : 1.3	1g
P16039D-NIPAM2COOH	Mn x 10 ³ : 19	Mw/Mn : 1.15	1g
P16040B-NIPAM2COOH	Mn x 10 ³ : 20	Mw/Mn : 1.05	1g
P16039B-NIPAM2COOH	Mn x 10 ³ : 21	Mw/Mn : 1.16	1g
P4149-5-NIPAM2COOH	Mn x 10 ³ : 22	Mw/Mn : 1.48	1g
P16039C-NIPAM2COOH	Mn x 10 ³ : 22.5	Mw/Mn : 1.16	1g
P16039-NIPAM2COOH	Mn x 10 ³ : 23.5	Mw/Mn : 1.23	1g
P16040C-NIPAM2COOH	Mn x 10 ³ : 23.5	Mw/Mn : 1.07	1g
P16040E-NIPAM2COOH	Mn x 10 ³ : 23.5	Mw/Mn : 1.09	1g
P16040F-NIPAM2COOH	Mn x 10 ³ : 24.5	Mw/Mn : 1.16	1g
P16039G-NIPAM2COOH	Mn x 10 ³ : 25	Mw/Mn : 1.12	1g
P16039E-NIPAM2COOH	Mn x 10 ³ : 25.5	Mw/Mn : 1.13	1g
P4149-4-NIPAM2COOH	Mn x 10 ³ : 26.5	Mw/Mn : 1.48	* 1g
P4149-2-NIPAM2COOH	Mn x 10 ³ : 28.5	Mw/Mn : 1.8	* 1g
P16039H-NIPAM2COOH	Mn x 10 ³ : 33	Mw/Mn : 1.11	1g
P4149-3-NIPAM2COOH	Mn x 10 ³ : 35.5	Mw/Mn : 1.55	* 1g
P4149-1-NIPAM2COOH	Mn x 10 ³ : 36.5	Mw/Mn : 2.1	* 1g

Poly(N-isopropyl acrylamide), α,ω -bis(thiol)-terminated 機能性ポリマー
Polyacrylamides, functionalized



P6697-NIPAM2SH	$M_n \times 10^3$: 4	M_w/M_n : 1.15	1g
P6699-NIPAM2SH	$M_n \times 10^3$: 14	M_w/M_n : 1.3	1g

Poly(N-isopropyl acrylamide), α -amino-terminated 機能性ポリマー
Polyacrylamides, functionalized



P7104B-NIPAMNH2	$M_n \times 10^3$: 1	M_w/M_n : 1.8	1g
P7103A-NIPAMNH2	$M_n \times 10^3$: 1.2	M_w/M_n : 1.9	1g
P7103C-NIPAMNH2	$M_n \times 10^3$: 1.3	M_w/M_n : 1.8	1g
P7103B-NIPAMNH2	$M_n \times 10^3$: 1.4	M_w/M_n : 2.8	1g
P7103E-NIPAMNH2	$M_n \times 10^3$: 1.5	M_w/M_n : 1.3	1g
P7104A-NIPAMNH2	$M_n \times 10^3$: 1.6	M_w/M_n : 1.6	1g
P7104D-NIPAMNH2	$M_n \times 10^3$: 1.6	M_w/M_n : 1.5	1g
P7104C-NIPAMNH2	$M_n \times 10^3$: 1.7	M_w/M_n : 1.5	1g
P7103G-NIPAMNH2	$M_n \times 10^3$: 1.7	M_w/M_n : 1.7	1g
P7103F-NIPAMNH2	$M_n \times 10^3$: 1.9	M_w/M_n : 1.4	1g
P7104F-NIPAMNH2	$M_n \times 10^3$: 1.9	M_w/M_n : 1.8	1g
P7104I-NIPAMNH2	$M_n \times 10^3$: 1.9	M_w/M_n : 1.5	1g
P7103H-NIPAMNH2	$M_n \times 10^3$: 1.9	M_w/M_n : 1.8	1g
P7104J-NIPAMNH2	$M_n \times 10^3$: 2	M_w/M_n : 2	1g
P7104E-NIPAMNH2	$M_n \times 10^3$: 2.1	M_w/M_n : 2.3	1g
P20150D-NIPAMNH2	$M_n \times 10^3$: 5	M_w/M_n : 1.5	1g
P10405A-NIPAMNH2	$M_n \times 10^3$: 8	M_w/M_n : 1.8	1g
P2180B-NIPAMNH2	$M_n \times 10^3$: 10.4	M_w/M_n : 2.04	1g
P2180C-NIPAMNH2	$M_n \times 10^3$: 12.9	M_w/M_n : 2.29	1g
P20148D-NIPAMNH2	$M_n \times 10^3$: 13	M_w/M_n : 1.4	1g
P19834F1-NIPAMNH2	$M_n \times 10^3$: 13	M_w/M_n : 1.8	1g
P2180D-NIPAMNH2	$M_n \times 10^3$: 13.3	M_w/M_n : 2.13	1g
P10405E-NIPAMNH2	$M_n \times 10^3$: 16.5	M_w/M_n : 2.8	1g
P2180F-NIPAMNH2	$M_n \times 10^3$: 17	M_w/M_n : 2.28	1g
P10430A-NIPAMNH2	$M_n \times 10^3$: 18	M_w/M_n : 2	1g

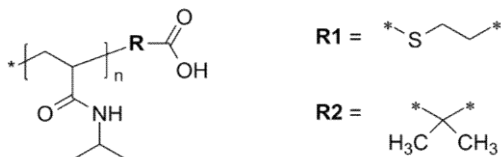
Poly(N-isopropyl acrylamide), α -amino-terminated 次ページに続く

前ページからの続き Poly(N-isopropyl acrylamide), α -amino-terminated

P2180E-NIPAMNH2	$M_n \times 10^3$: 19.3	Mw/Mn : 2.5	1g
P10405D-NIPAMNH2	$M_n \times 10^3$: 19.5	Mw/Mn : 2.2	1g
P19834F2-NIPAMNH2	$M_n \times 10^3$: 20	Mw/Mn : 1.7	1g
P20150B-NIPAMNH2	$M_n \times 10^3$: 21.5	Mw/Mn : 2.9	1g
P19834F5-NIPAMNH2	$M_n \times 10^3$: 22.5	Mw/Mn : 2.8	1g
P10405B-NIPAMNH2	$M_n \times 10^3$: 23.5	Mw/Mn : 2.8	1g
P2180G-NIPAMNH2	$M_n \times 10^3$: 25.4	Mw/Mn : 2.49	1g
P10405C-NIPAMNH2	$M_n \times 10^3$: 25.5	Mw/Mn : 2.8	1g
P19834F6-NIPAMNH2	$M_n \times 10^3$: 27.5	Mw/Mn : 1.5	1g
P18028-NIPAMNH2	$M_n \times 10^3$: 31	Mw/Mn : 1.6	1g
P19834F4-NIPAMNH2	$M_n \times 10^3$: 31	Mw/Mn : 2.06	1g
P18027-NIPAMNH2	$M_n \times 10^3$: 37	Mw/Mn : 1.6	1g
P20150E-NIPAMNH2	$M_n \times 10^3$: 37	Mw/Mn : 1.8	1g
P20149-NIPAMNH2	$M_n \times 10^3$: 37	Mw/Mn : 1.8	1g
P10430D-NIPAMNH2	$M_n \times 10^3$: 40	Mw/Mn : 2	1g
P18035-NIPAMNH2	$M_n \times 10^3$: 43.0	Mw/Mn : 1.6	1g
P19834F3-NIPAMNH3	$M_n \times 10^3$: 43.5	Mw/Mn : 1.4	1g
P20148A-NIPAMNH2	$M_n \times 10^3$: 44.5	Mw/Mn : 1.6	1g
P6149A-NIPAMNH2	$M_n \times 10^3$: 45.6	Mw/Mn : 1.62	1g
P10430C-NIPAMNH2	$M_n \times 10^3$: 47	Mw/Mn : 1.7	1g
P6145A-NIPAMNH2	$M_n \times 10^3$: 50.5	Mw/Mn : 1.53	1g
P19834F7-NIPAMNH2	$M_n \times 10^3$: 52	Mw/Mn : 1.7	1g
P20148B-NIPAMNH2	$M_n \times 10^3$: 53.5	Mw/Mn : 1.6	1g
P10405F-NIPAMNH2	$M_n \times 10^3$: 56	Mw/Mn : 2	1g
P19834F9-NIPAMNH2	$M_n \times 10^3$: 61	Mw/Mn : 1.5	1g
P10392-NIPAMNH2	$M_n \times 10^3$: 66	Mw/Mn : 2.6	1g
P19834F8-NIPAMNH2	$M_n \times 10^3$: 74.5	Mw/Mn : 1.7	1g
P20148C-NIPAMNH2	$M_n \times 10^3$: 88	Mw/Mn : 1.6	1g
P20150C-NIPAMNH2	$M_n \times 10^3$: 91	Mw/Mn : 1.5	1g
P19834F10-NIPAMNH2	$M_n \times 10^3$: 96	Mw/Mn : 1.5	1g
P20150A-NIPAMNH2	$M_n \times 10^3$: 166	Mw/Mn : 1.8	1g
P19834F11-NIPAMNH2	$M_n \times 10^3$: 171	Mw/Mn : 1.5	1g

Poly(N-isopropyl acrylamide), α -carboxy-terminated; broad molecular weight distribution 機能性ポリマー

Polyacrylamides, functionalized

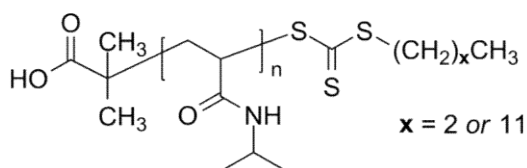


Comment column: tacticity ratio S:H:I

P6849FF-NIPAMCOOH	$M_n \times 10^3 : 3.1$	$M_w/M_n : 3.91$		1g
P6849F5-NIPAMCOOH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 2.25$		1g
P6849F9-NIPAMCOOH	$M_n \times 10^3 : 5.8$	$M_w/M_n : 2.11$		1g
P6849F3-NIPAMCOOH	$M_n \times 10^3 : 6.3$	$M_w/M_n : 1.62$		1g
P18070-NIPAMCOOH	$M_n \times 10^3 : 6.6$	$M_w/M_n : 5.8$	27:30:43	1g
P7631B-NIPAMCOOH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.6$		1g
P6849F1-NIPAMCOOH	$M_n \times 10^3 : 9$	$M_w/M_n : 1.8$		1g
P18069-NIPAMCOOH	$M_n \times 10^3 : 11$	$M_w/M_n : 3.28$	28:28:43	1g
P6849F10-NIPAMCOOH	$M_n \times 10^3 : 12.4$	$M_w/M_n : 1.8$		1g
P7631A-NIPAMCOOH	$M_n \times 10^3 : 15$	$M_w/M_n : 1.7$		1g

Poly(N-isopropyl acrylamide), α -carboxy-terminated; narrow molecular weight distribution 機能性ポリマー

Polyacrylamides, functionalized



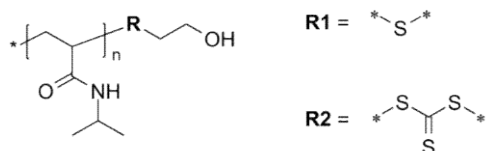
P5596-NIPAMCOOH	$M_n \times 10^3 : 2.8$	$M_w/M_n : 1.4$		1g
P18078-NIPAMCOOH	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.4$	S:H:I=35:30:35	1g
P18079-NIPAMCOOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.4$	S:H:I=35:30:35	1g
P14500-NIPAMCOOH	$M_n \times 10^3 : 7.2$	$M_w/M_n : 1.13$		1g
P14495-NIPAMCOOH	$M_n \times 10^3 : 12.7$	$M_w/M_n : 1.3$		1g
P2104F5-NIPAMCOOH	$M_n \times 10^3 : 17$	$M_w/M_n : 1.5$		1g
P5597-NIPAMCOOH	$M_n \times 10^3 : 18$	$M_w/M_n : 1.4$		1g
P5579-NIPAMCOOH	$M_n \times 10^3 : 18$	$M_w/M_n : 1.5$		1g
P5580-NIPAMCOOH	$M_n \times 10^3 : 19$	$M_w/M_n : 1.5$		1g
P5582-NIPAMCOOH	$M_n \times 10^3 : 20$	$M_w/M_n : 1.5$		1g
P5581-NIPAMCOOH	$M_n \times 10^3 : 20$	$M_w/M_n : 1.4$		1g
P5598-NIPAMCOOH	$M_n \times 10^3 : 22$	$M_w/M_n : 1.5$		1g

Poly(N-isopropyl acrylamide), α -carboxy-terminated; narrow molecular weight distribution 次ページに続く

前ページからの続き Poly(N-isopropyl acrylamide), α -carboxy-terminated; narrow molecular weight distribution

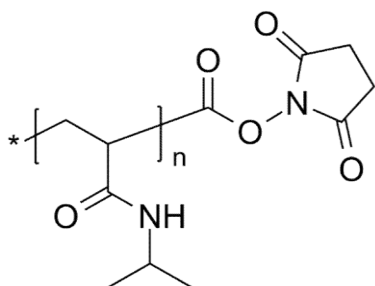
P10480AF6-NIPAMCOOH	Mn x 10 ³ : 22	Mw/Mn : 1.16	1g
P10511D-NIPAMCOOH	Mn x 10 ³ : 23	Mw/Mn : 1.15	1g
P5584-NIPAMCOOH	Mn x 10 ³ : 24	Mw/Mn : 1.3	1g
P14506-NIPAMCOOH	Mn x 10 ³ : 25	Mw/Mn : 1.4	1g
P18079A-NIPAMCOOH	Mn x 10 ³ : 28	Mw/Mn : 1.16	1g
P10480BF5-NIPAMCOOH	Mn x 10 ³ : 28	Mw/Mn : 1.12	1g
P10480CF5-NIPAMCOOH	Mn x 10 ³ : 29.5	Mw/Mn : 1.4	1g
P18078A-NIPAMCOOH	Mn x 10 ³ : 30	Mw/Mn : 1.15	1g
P10480BF4-NIPAMCOOH	Mn x 10 ³ : 32	Mw/Mn : 1.2	1g
P5589-NIPAMCOOH	Mn x 10 ³ : 34	Mw/Mn : 1.5	1g
P10480BF3-NIPAMCOOH	Mn x 10 ³ : 35	Mw/Mn : 1.2	1g
P5588-NIPAMCOOH	Mn x 10 ³ : 42	Mw/Mn : 1.4	1g
P5587-NIPAMCOOH	Mn x 10 ³ : 42	Mw/Mn : 1.6	1g
P5586-NIPAMCOOH	Mn x 10 ³ : 42	Mw/Mn : 1.6	1g
P5600-NIPAMCOOH	Mn x 10 ³ : 42	Mw/Mn : 1.2	1g
P10480AF5-NIPAMCOOH	Mn x 10 ³ : 43	Mw/Mn : 1.25	1g
P5590-NIPAMCOOH	Mn x 10 ³ : 45	Mw/Mn : 1.4	1g
P10505-NIPAMCOOH	Mn x 10 ³ : 45	Mw/Mn : 1.09	1g
P10480CF1-NIPAMCOOH	Mn x 10 ³ : 46	Mw/Mn : 1.3	1g
P10480F5-NIPAMCOOH	Mn x 10 ³ : 62	Mw/Mn : 1.2	0.5g
P10480BF2-NIPAMCOOH	Mn x 10 ³ : 65	Mw/Mn : 1.2	1g
P10480F3-NIPAMCOOH	Mn x 10 ³ : 67	Mw/Mn : 1.25	1g
P10480F2-NIPAMCOOH	Mn x 10 ³ : 69	Mw/Mn : 1.18	1g
P10480AF2-NIPAMCOOH	Mn x 10 ³ : 69	Mw/Mn : 1.18	1g
P10480BF1-NIPAMCOOH	Mn x 10 ³ : 75	Mw/Mn : 1.2	1g
P5594-NIPAMCOOH	Mn x 10 ³ : 75	Mw/Mn : 1.6	1g
P10480AF3-NIPAMCOOH	Mn x 10 ³ : 77	Mw/Mn : 1.2	1g
P10511F-NIPAMCOOH	Mn x 10 ³ : 80	Mw/Mn : 1.2	1g
P10480F1-NIPAMCOOH	Mn x 10 ³ : 85	Mw/Mn : 1.18	1g
P10480AF1-NIPAMCOOH	Mn x 10 ³ : 91	Mw/Mn : 1.15	1g
P10505E-NIPAMCOOH	Mn x 10 ³ : 96	Mw/Mn : 1.28	1g
P10511E-NIPAMCOOH	Mn x 10 ³ : 105	Mw/Mn : 1.18	1g
P10511H-NIPAMCOOH	Mn x 10 ³ : 130	Mw/Mn : 1.3	1g
P10515B-NIPAMCOOH	Mn x 10 ³ : 135	Mw/Mn : 1.3	1g
P10511B-NIPAMCOOH	Mn x 10 ³ : 135	Mw/Mn : 1.3	1g
P10515C-NIPAMCOOH	Mn x 10 ³ : 147	Mw/Mn : 1.3	1g
P10511I-NIPAMCOOH	Mn x 10 ³ : 150	Mw/Mn : 1.36	1g
P10511C-NIPAMCOOH	Mn x 10 ³ : 178	Mw/Mn : 1.19	1g
P10511A-NIPAMCOOH	Mn x 10 ³ : 227	Mw/Mn : 1.11	1g
P10505C-NIPAMCOOH	Mn x 10 ³ : 230	Mw/Mn : 1.3	1g
P10505D-NIPAMCOOH	Mn x 10 ³ : 360	Mw/Mn : 1.17	1g

Poly(N-isopropyl acrylamide), α -hydroxy-terminated 機能性ポリマー
Polyacrylamides, functionalized



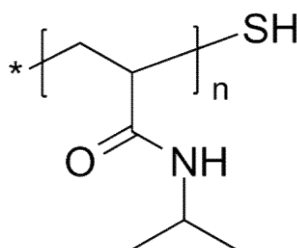
P5534-NIPAMOH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.6$	1g
P11137B-NIPAMOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.05$	1g

Poly(N-isopropyl acrylamide), α -succinimide (NHS)-terminated 機能性ポリマー
Polyacrylamides, functionalized



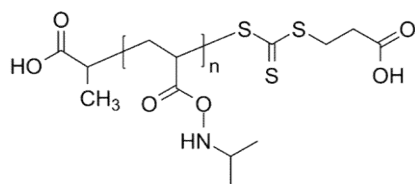
P6850-NIPAMNHS	$M_n \times 10^3 : 9$	$M_w/M_n : 1.8$	1g
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Poly(N-isopropyl acrylamide), α -thiol-terminated 機能性ポリマー
Polyacrylamides, functionalize



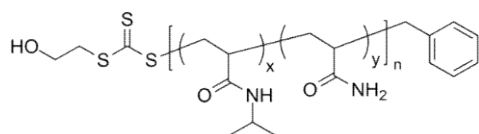
P5732-NIPAMSH	$M_n \times 10^3 : 1.2$	$M_w/M_n : 1.3$	0.5g
P5754-NIPAMSH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.24$	0.5g
P11451B-NIPAMSH	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.1$	0.5g
P11451C-NIPAMSH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.39$	0.5g
P11451-NIPAMSH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.3$	0.5g
P14593A-NIPAMSH	$M_n \times 10^3 : 9$	$M_w/M_n : 1.5$	0.5g

Poly(N-isopropyl acrylamide), ω -RAFT-terminated 機能性ポリマー
RAFT agents (macroinitiators)



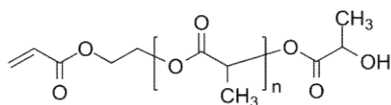
P16035-NIPAM-RAFT	$M_n \times 10^3$: 4	M_w/M_n : 1.4	1g
P16069-NIPAM-RAFT	$M_n \times 10^3$: 4.5	M_w/M_n : 1.14	1g
P16066-NIPAM-RAFT	$M_n \times 10^3$: 8.5	M_w/M_n : 1.3	1g
P16067-NIPAM-RAFT	$M_n \times 10^3$: 8.5	M_w/M_n : 1.4	1g
P16065-NIPAM-RAFT	$M_n \times 10^3$: 13	M_w/M_n : 1.5	1g
P16070-NIPAM-RAFT	$M_n \times 10^3$: 39.5	M_w/M_n : 1.4	1g

Poly(N-isopropyl acrylamide-co-acrylamide), (α -benzyl, ω -hydroxy)-terminated 機能性ランダムコポリマー
Functionalized Random Copolymer



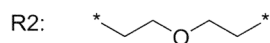
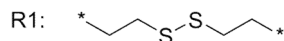
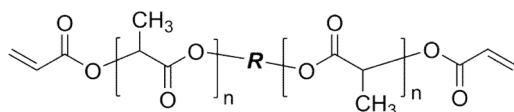
P14338A--NIPAMAMDranOHT	$M_n \times 10^3$: 2	M_w/M_n : 1.15	AMD=10wt%	0.5g
P14338C--NIPAMAMDranOHT	$M_n \times 10^3$: 5.5	M_w/M_n : 1.07	AMD=20wt%	0.5g
P14338B--NIPAMAMDranOHT	$M_n \times 10^3$: 6.5	M_w/M_n : 1.1	AMD=10wt%	0.5g
P14337--NIPAMAMDranOHT	$M_n \times 10^3$: 7	M_w/M_n : 1.07	AMD=10wt%	0.5g
P14338D--NIPAMAMDranOHT	$M_n \times 10^3$: 9	M_w/M_n : 1.08	AMD=10wt%	0.5g

Poly(lactide), (α -acryloyloxy, ω -hydroxy)-terminated 機能性ポリマー
 Poly(lactide), functionalized



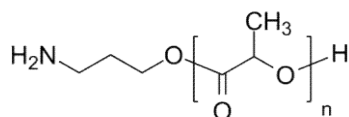
P20154-DLLA-Acr	$M_n \times 10^3$: 2.5	M_w/M_n : 1.13	DL-form	1g
P42125D-LA-Acr	$M_n \times 10^3$: 18	M_w/M_n : 1.2	DL-form	1g
P42125A-LA-Acr	$M_n \times 10^3$: 18.5	M_w/M_n : 1.15	DL-form	1g
P42125-LA-Acr	$M_n \times 10^3$: 27	M_w/M_n : 1.25	DL-form	1g
P42125C-LA-Acr	$M_n \times 10^3$: 31	M_w/M_n : 1.3	DL-form	1g
P42125B-LA-Acr	$M_n \times 10^3$: 33	M_w/M_n : 1.3	DL-form	1g

新製品: Poly(lactide), α, ω -bis(acryloyloxy)-terminated 機能性ポリマー
 Poly(lactide), functionalized



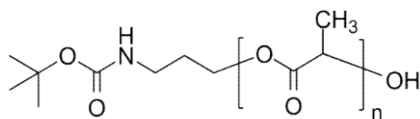
P42126F3-LA-2Acr	$M_n \times 10^3$: 10	M_w/M_n : 1.14	R2; DL-form	1g
P20155SSA-DLLA-2Acr	$M_n \times 10^3$: 10.4	M_w/M_n : 1.2	R1; DL-form	1g

Poly(lactide), (α -amino, ω -hydroxy)-terminated 機能性ポリマー
 Poly(lactide), functionalized



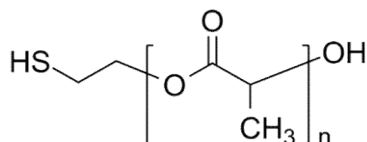
P40812A-LANH2	$M_n \times 10^3$: 2.6	M_w/M_n : 1.2	DL-form	1g
P10932-LANH2	$M_n \times 10^3$: 3	M_w/M_n : 1.25	DL-form	1g

Poly(lactide), (α -Boc-amino, ω -hydroxy)-terminated 機能性ポリマー
Poly(lactide), functionalized



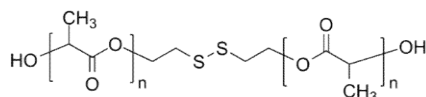
P40812-LANHBoc	$M_n \times 10^3 : 2.6$	$M_w/M_n : 1.2$	DL-form; f(BocNH)>99%	1g
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Poly(lactide), (α -thiol, ω -hydroxy)-terminated 機能性ポリマー
Poly(lactide), functionalized



P20159-DLLA-OHSH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.4$	SH functionality: 95%	1g
P20156-DLLA-OHSH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.21$	SH functionality: 75%	1g
P20157-DLLA-OHSH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.49$	SH functionality: 85%	1g
P20151-DLLA-OHSH	$M_n \times 10^3 : 3.3$	$M_w/M_n : 1.09$	SH functionality: 80%	1g

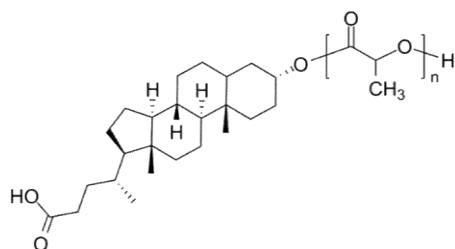
Poly(lactide), with disulfide group in center of polymer chain 機能性ポリマー
Poly(lactide), functionalized



P20159SS-DLLAdisulf	$M_n \times 10^3 : 3.9$	$M_w/M_n : 1.4$	DL lactide	1g
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Poly(lactide), α -(lithocholic acid)-terminated**機能性ポリマー**

Poly(lactide), functionalized



P3927-LithoLA

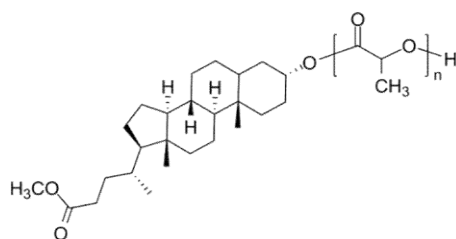
 $M_n \times 10^3 : 4$ $M_w/M_n : 1.18$

D-form

1g

Poly(lactide), α -(lithocholic ester)-terminated**機能性ポリマー**

Poly(lactide), functionalized



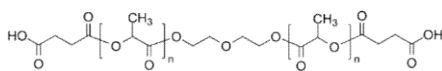
P3926-Litho-LA

 $M_n \times 10^3 : 7.5$ $M_w/M_n : 1.08$

D-form

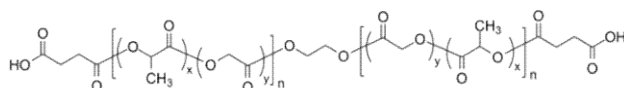
1g

Poly(lactide), α,ω -bis(carboxy)-terminated 機能性ポリマー
Poly(lactide), functionalized



P4977-LA2COOH	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.1$	DL-form	1g
P18511B2-LA2COOH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.3$	DL-form	1g
P18511A2-LA2COOH	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.1$	DL-form	1g
P8570-LA2COOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.15$	L-form; diethylene glyc	1g
P18511CC-LA2COOH	$M_n \times 10^3 : 5.4$	$M_w/M_n : 1.5$	DL-form	1g
P18511DD-LA2COOH	$M_n \times 10^3 : 5.8$	$M_w/M_n : 1.46$	DL-form	1g
P7402-LA2COOH	$M_n \times 10^3 : 6.8$	$M_w/M_n : 1.2$	DL-form; PEG(Mn610)	1g
P7401-LA2COOH (DL)	$M_n \times 10^3 : 7.3$	$M_w/M_n : 1.2$	tetraethylene glycol center	1g
P7403-LA2COOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.3$	DL-form; ethylene glycol center	1g
P7404-LA2COOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.2$	DL-form; diethylene glycol	1g

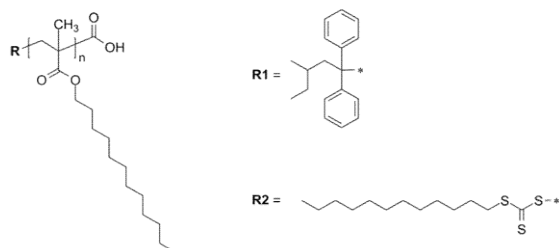
Poly(lactide-co-glycolide), α,ω -bis(carboxy)-terminated 機能性ランダムコポリマー
Functionalized Random Copolymer



P20105-2A-LAGL2COOH	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.3$	f > 98%; ratio LA:GL=90:12	1g
P20105-3A-LAGL2COOH	$M_n \times 10^3 : 3.6$	$M_w/M_n : 1.2$	f > 96%; ratio LA:GL=90:11	1g
P20084-LAGL2COOH	$M_n \times 10^3 : 3.8$	$M_w/M_n : 1.17$	f > 99%; ratio LA:GL=70:30	1g
P20102B-LAGL2COOH	$M_n \times 10^3 : 4.2$	$M_w/M_n : 1.2$	f > 98%; ratio LA:GL=90:12	1g
P20105-1A-LAGL2COOH	$M_n \times 10^3 : 4.3$	$M_w/M_n : 1.3$	f > 95%; ratio LA:GL=90:12	1g

Poly(lauryl methacrylate), α -carboxy-terminated**機能性ポリマー**

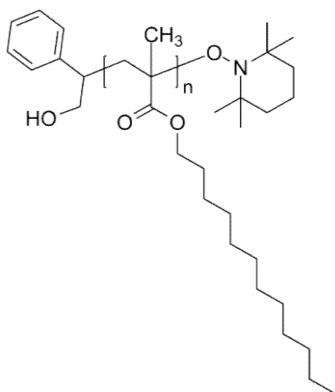
Poly(lauryl methacrylate), functionalized



P10237-LMACOOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.25$	$f=99\%$	1g
P10233A-LMACOOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.4$	R2; $f=99\%$	1g
P10225-LMACOOH	$M_n \times 10^3 : 10.5$	$M_w/M_n : 1.2$	R2; $f=78\%$	1g
P10233-LMACOOH	$M_n \times 10^3 : 11$	$M_w/M_n : 1.3$	R2; $f=99\%$	1g
P10227A-LMACOOH	$M_n \times 10^3 : 39$	$M_w/M_n : 1.2$	R1; $f=89\%$	1g

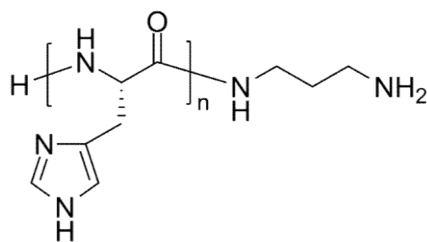
Poly(lauryl methacrylate), (α -hydroxy, ω -TEMPO)-terminated**機能性ポリマー**

Poly(lauryl methacrylate), functionalized



P10234-LMAOHT	$M_n \times 10^3 : 8$	$M_w/M_n : 1.5$	1g
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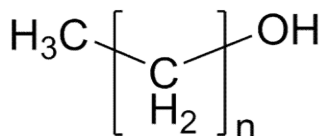
Poly(L-histidine), α,ω -bis(amino)-terminated 機能性ポリマー
Poly(histidine), functionalized



0.5g未満の容量でも販売可。

P40853A-His2NH2	$M_n \times 10^3$: 1.6 (water soluble)	Mw/Mn : 1.3	0.5g
P40866A-His2NH2	$M_n \times 10^3$: 4	Mw/Mn : 1.3	0.5g
P40853-His2NH2	$M_n \times 10^3$: 6	Mw/Mn : 1.3	0.5g
P40870A-His2NH2	$M_n \times 10^3$: 7.5	Mw/Mn : 1.3	0.5g
P40869D-His2NH2	$M_n \times 10^3$: 43	Mw/Mn : 1.3	0.5g
P40869B-His2NH2	$M_n \times 10^3$: 52	Mw/Mn : 1.3	0.5g
P40869F-His2NH2	$M_n \times 10^3$: 55	Mw/Mn : 1.3	0.5g
P40869C-His2NH2	$M_n \times 10^3$: 85	Mw/Mn : 1.3	0.5g
P40869-His2NH2	$M_n \times 10^3$: 392	Mw/Mn : 1.3	0.5g

新製品 : Poly(methylene), ω -hydroxy-terminated 機能性ポリマー
Polyolefins, functionalized



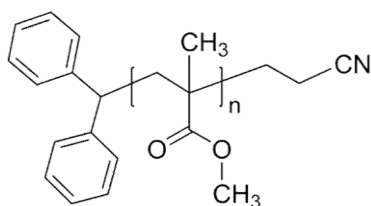
Other name: Polyethylene.

See also: Poly(ethylene), ω -hydroxy-terminated

P60204-MOH	$M_n \times 10^3$: 0.5	Mw/Mn : 1.14	0.5g
P60204A-MOH	$M_n \times 10^3$: 0.7	Mw/Mn : 1.11	0.5g
P60204B-MOH	$M_n \times 10^3$: 0.7	Mw/Mn : 1.11	0.5g
P60204D-MOH	$M_n \times 10^3$: 0.7	Mw/Mn : 1.13	0.5g
P60195-MOH	$M_n \times 10^3$: 1	Mw/Mn : 1.2	0.5g

Poly(methyl methacrylate), ω -acrylonitrile-terminated 機能性ポリマー

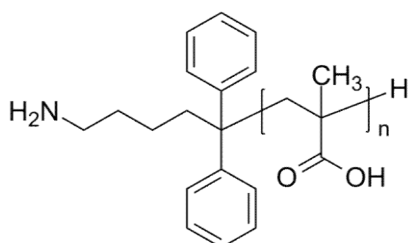
Poly(methyl methacrylate), end-functionalized



P41147A-MMA-acn	$M_n \times 10^3 : 122$	$M_w/M_n : 1.4$	$\bar{P} > 98\%$	1g
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Poly(methacrylic acid), α -amino-terminated 機能性ポリマー

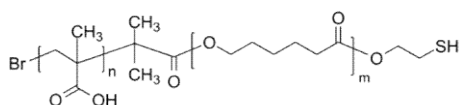
Poly([alkyl] acrylic acids), functionalized



P19091A-MAANH2	$M_n \times 10^3 : 5$	$M_w/M_n : 1.13$		1g
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Poly(methacrylic acid)-b-poly(ϵ -caprolactone), ω -thiol-terminated 機能性ブロックコポリマー

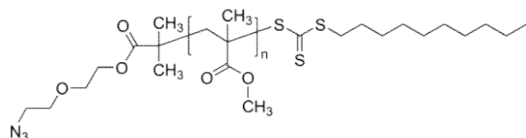
Functionalized Diblock Copolymer



P20007B4A-MAACLSH	$M_n \times 10^3 : 0.7\text{-}b\text{-}1.6$	$M_w/M_n : 1.2$		1g
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Poly(methyl methacrylate), α -azide-terminated 機能性ポリマー

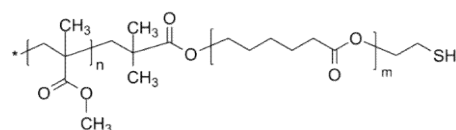
Poly(methyl methacrylate), azide-terminated

Poly(methyl methacrylate), ω -RAFT-terminated

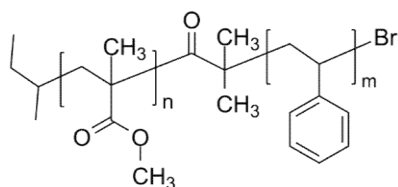
P41594-MMA-N3	$M_n \times 10^3 : 3.5$	$M_w/M_n : 1.3$	$f > 70\%$
P41593-MMA-N3	$M_n \times 10^3 : 7$	$M_w/M_n : 1.3$	$f > 90\%$

Poly(methyl methacrylate)-b-poly(ϵ -caprolactone), ω -thiol-terminated 機能性ブロックコポリマー

Functionalized Diblock Copolymer

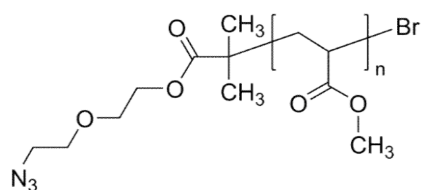


P20022A2-6A-MMACLSH	$M_n \times 10^3 : 2\text{-}b\text{-}3.4$	$M_w/M_n : 1.3$	1g
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Poly(methyl methacrylate)-b-poly(styrene), ω -bromo-terminated 機能性ブロックコポリマー

新製品 : Poly(methyl acrylate), α -azide-terminated 機能性ポリマー

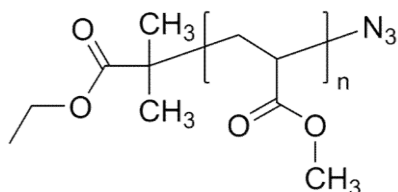
Poly(methyl acrylate), azide-terminated



P42088B-MA-N3	$M_n \times 10^3$: 1.9	Mw/Mn : 1.6	0.5g
P42088-MA-N3	$M_n \times 10^3$: 2.6	Mw/Mn : 1.22	0.5g
P42088A-MA-N3	$M_n \times 10^3$: 2.6	Mw/Mn : 1.4	0.5g
P42088C-MA-N3	$M_n \times 10^3$: 10.5	Mw/Mn : 1.45	0.5g

新製品 : Poly(methyl acrylate), ω -azide-terminated 機能性ポリマー

Poly(methyl acrylate), azide-terminated

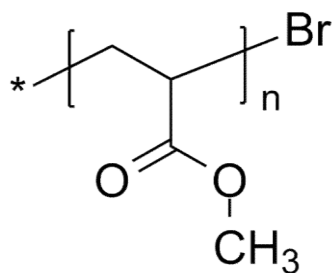


P41623-MA-N3	$M_n \times 10^3$: 1	Mw/Mn : 1.12	1g
P41622-MA-N3	$M_n \times 10^3$: 1.7	Mw/Mn : 1.17	1g
P41614-MA-N3	$M_n \times 10^3$: 2.6	Mw/Mn : 1.13	1g
P41622A-MA-N3	$M_n \times 10^3$: 3	Mw/Mn : 1.13	1g
P41617-MA-N3	$M_n \times 10^3$: 3.2	Mw/Mn : 1.12	1g
P41616-MA-N3	$M_n \times 10^3$: 3.7	Mw/Mn : 1.4	1g
P41615-MA-N3	$M_n \times 10^3$: 4	Mw/Mn : 1.05	1g

Poly(methyl acrylate), α -bromo-terminated

機能性ポリマー

Poly([alkyl] acrylate), functionalized



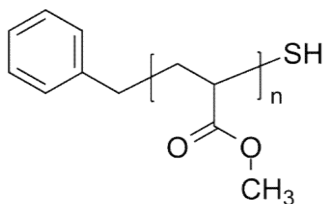
Macroinitiator for ATRP.

P40299-MABr	$M_n \times 10^3$: 20.5	M_w/M_n : 1.3	1g
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Poly(methyl acrylate), α -thiol-terminated

機能性ポリマー

Poly(methyl acrylate), thiol-terminated

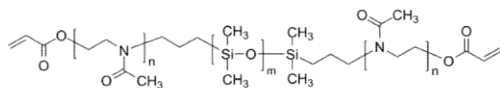


P20281-MASH	$M_n \times 10^3$: 0.7	M_w/M_n : 1.4	1g
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Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(acrylate)-terminated

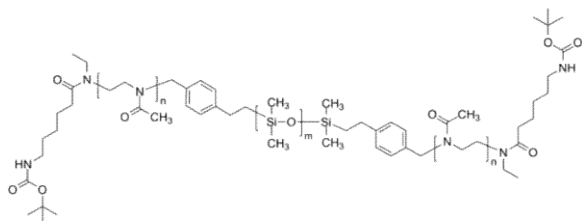
機能性トリブロックコポリマー

oly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized



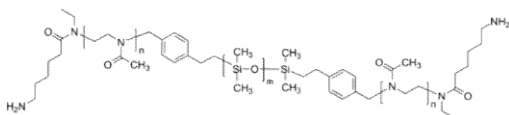
P3691A- AMOXZDMSMOXZA	$M_n \times 10^3$: 1.2-b-2.5-b-1.2	M_w/M_n : 1.3	1g
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Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(amino [protected with tert-butoxycarbonyl])-terminated 機能性トリブロックコポリマー
 Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized



P10390A-BOCNHMOXZDMSMOXZ2NHBOC	$M_n \times 10^3$: 1-b-4.0-b-1.0	Mw/Mn : 1.6	1g
P10390B-BOCNHMOXZDMSMOXZ2NHBOC	$M_n \times 10^3$: 1.1-b-4.0-b-1.1	Mw/Mn : 1.4	1g
P10386-BOCNHMOXZDMSMOXZ2NHBOC	$M_n \times 10^3$: 2-b-4.0-b-2.0	Mw/Mn : 1.4	1g

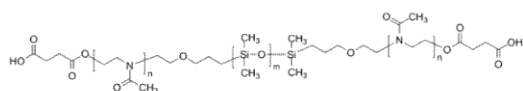
Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(amino)-terminated 機能性トリブロックコポリマー
 Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized



P10390X-NH2MOXZDMSMOXZNH2	$M_n \times 10^3$: 1-b-4-b-1	Mw/Mn : 1.4	1g
P11427D-NH2MOXZDMSMOXZNH2	$M_n \times 10^3$: 1-b-5-b-1	Mw/Mn : 1.4	1g

Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(carboxy)-terminated
機能性トリブロックコポリマー

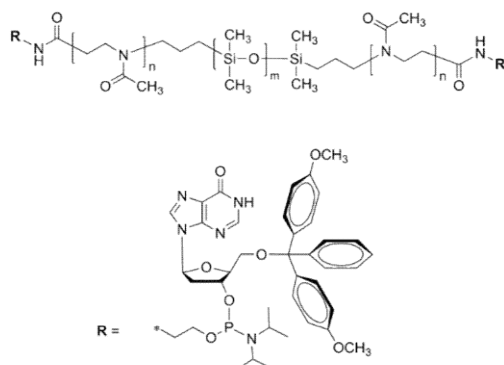
Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized



P19431A-MEOXZDMSMEOXZ2COOH	$M_n \times 10^3$: 0.8-b-5.0-b-0.8	M_w/M_n : 1.4	1g
P19431-MEOXZDMSMEOXZ2COOH	$M_n \times 10^3$: 1-b-5.0-b-1	M_w/M_n : 1.4	1g
P19418-MEOXZDMSMEOXZ2COOH	$M_n \times 10^3$: 1-b-10.5-b-1	M_w/M_n : 1.4	1g

Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(inosine)-terminated
機能性トリブロックコポリマー

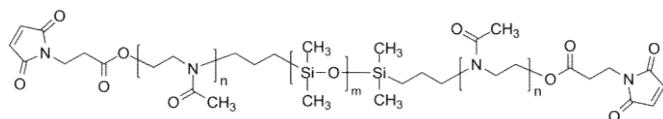
Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized



P10984B-MOXZDMSMOXZ-2Inosine	$M_n \times 10^3$: 0.255-b-2.6-b-0.255	M_w/M_n : 1.6	1g
P10955B-MOXZDMSMOXZ-2Inosine	$M_n \times 10^3$: 0.7-b-2.6-b-0.7	M_w/M_n : 1.6	1g

Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(maleimido)-terminated
機能性トリブロックコポリマー

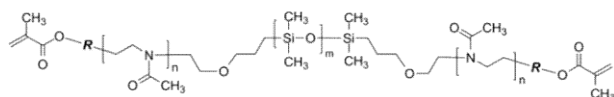
Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized



P11303-MaleimidoMOXZDMSMOXZMaleimido	$M_n \times 10^3$: 0.55-b-2.6-b-0.55	M_w/M_n : 1.3	1g
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Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), α,ω -bis(methacrylate)-terminated
機能性トリブロックコポリマー

Poly(2-methyl oxazoline)-b-poly(dimethyl siloxane)-b-poly(2-methyl oxazoline), functionalized

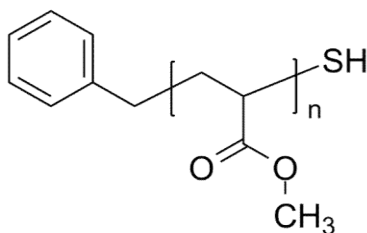


R1: no group

R2: amide linkage ---O---C(=O)NH---

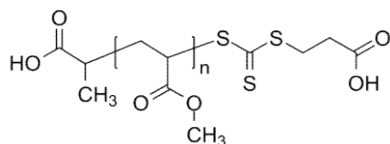
P3717A-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.1-b-2.5-b-1.1	M_w/M_n : 1.4	R1	1g
P16231A-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.3-b-5-b-1.3	M_w/M_n : 1.3	R2	1g
P40650-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.3-b-5-b-1.3	M_w/M_n : 1.3	R1; lyophilized	1g
40650A-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.3-b-5-b-1.3	M_w/M_n : 1.3	R1; lyophilized	1g
P40650C-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.3-b-5-b-1.3	M_w/M_n : 1.3	R1	1g
P40650F-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.3-b-5-b-1.3	M_w/M_n : 1.3	R1; lyophilized	1g
P18536A-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 1.5-b-5.0-b-1.5	M_w/M_n : 1.3	R1	1g
P8352A-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 2-b-4-b-2	M_w/M_n : 1.45	R1	1g
P3185-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 2-b-4.0-b-2.0	M_w/M_n : 1.3	R1	1g
P8352-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 2.2-b-4-b-2.2	M_w/M_n : 1.4	R1	1g
P18241-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 2.5-b-11.5-b-2.5	M_w/M_n : 1.3	R1	1g
P18241E-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 3-b-12-b-3	M_w/M_n : 1.3	R1	1g
P18241D-MAMOXZDMSMOXZMA	$M_n \times 10^3$: 3.5-b-12-b-3.5	M_w/M_n : 1.3	R1	1g

Poly(methyl acrylate), ω -thiol-terminated (obtained by RAFT) 機能性ポリマー
Poly(methyl acrylate), thiol-terminated



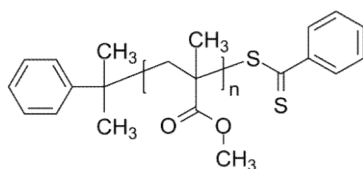
P20281-MASH	$M_n \times 10^3$: 0.7	M_w/M_n : 1.4	by RAFT	1g
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Poly(methyl acrylate), ω -RAFT-terminated 機能性ポリマー
RAFT agents (macroinitiators)



P16024A-MA-RAFT	$M_n \times 10^3$: 13.5	M_w/M_n : 1.14	1g
P16024B-MA-RAFT	$M_n \times 10^3$: 13.5	M_w/M_n : 1.24	1g
P16026-MA-RAFT	$M_n \times 10^3$: 14	M_w/M_n : 1.13	1g
P16025-MA-RAFT	$M_n \times 10^3$: 21	M_w/M_n : 1.16	1g
P16114-MA-RAFT	$M_n \times 10^3$: 22	M_w/M_n : 1.1	1g
P16115-MA-RAFT	$M_n \times 10^3$: 27.5	M_w/M_n : 1.2	1g

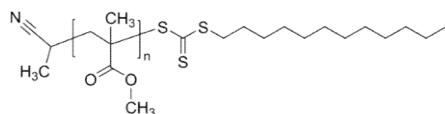
Poly(methyl methacrylate), ω -RAFT-terminated 機能性ポリマー
Poly(methyl methacrylate), ω -RAFT-terminated



Poly(methyl methacrylate), (α -cumyl, ω -dithiobenzoate)-terminated.

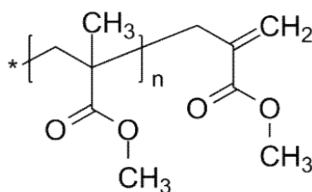
P13057-MMA-RAFT	$M_n \times 10^3$: 6.5	M_w/M_n : 1.08	1g
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新製品 : Poly(methyl methacrylate), (α -cyano, ω -RAFT)-terminated 機能性ポリマー
Poly(methyl methacrylate), ω -RAFT-terminated



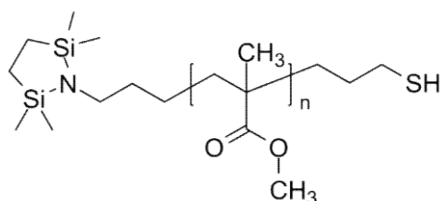
P16418B-MMA-RAFT	$M_n \times 10^3$: 38.5	M_w/M_n : 1.65	1g
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Poly(methyl methacrylate) macromonomer, α -vinyl-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



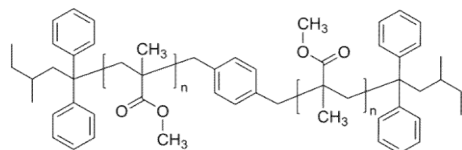
P6456A-MMAvinyl	$M_n \times 10^3$: 2.3	M_w/M_n : 1.56	1g
P6456B-MMAvinyl	$M_n \times 10^3$: 2.9	M_w/M_n : 1.61	1g
P6432A-MMAvinyl	$M_n \times 10^3$: 3.8	M_w/M_n : 1.49	1g
P6432B-MMAvinyl	$M_n \times 10^3$: 9.5	M_w/M_n : 1.36	1g

Poly(methyl methacrylate), (α -amino [protected end-group], ω -thiol)-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



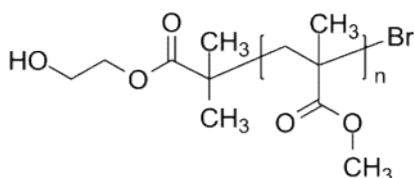
P4067-SiNPMASH	$M_n \times 10^3$: 3.15	M_w/M_n : 1.25	1g
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新製品 : Poly(methyl methacrylate), with p-xylene in center of polymer chain 機能性ポリマー
Poly(methyl methacrylate), central-functionalized



P41600-MMA-xylene-MMA	$M_n \times 10^3$: 4.8	M_w/M_n : 1.07	1g
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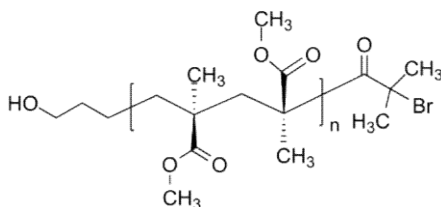
Poly(methyl methacrylate), (α -hydroxy, ω -bromo)-terminated; - atactic 機能性ポリマー
Poly(methyl methacrylate), (α -hydroxy, ω -bromo)-terminated



Comments: PMMA microstructure about : iso:hetero:syndio: 4:35:61 %

P6647-HOMMABr	$M_n \times 10^3$: 25	M_w/M_n : 1.3	1g
P6648F2-HOMMABr	$M_n \times 10^3$: 47	M_w/M_n : 1.2	1g

Poly(methyl methacrylate), (α -hydroxy, ω -bromo)-terminated; - syndiotactic 機能性ポリマー
Poly(methyl methacrylate), (α -hydroxy, ω -bromo)-terminate

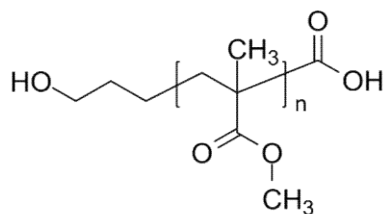


PMMA is predominantly syndiotactic.

P5506-HOMMABr	$M_n \times 10^3$: 2.5	M_w/M_n : 1.1	1g
P5476-HOMMABr	$M_n \times 10^3$: 20	M_w/M_n : 1.05	1g
P5468-HOMMABr	$M_n \times 10^3$: 42	M_w/M_n : 1.07	1g
P5466-HOMMABr	$M_n \times 10^3$: 43	M_w/M_n : 1.09	1g
P5464-HOMMABr	$M_n \times 10^3$: 226	M_w/M_n : 1.25	1g

Poly(methyl methacrylate), (α -hydroxy, ω -carboxy)-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized

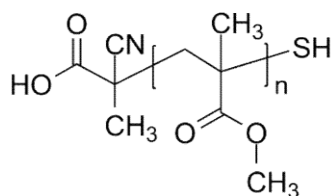


Comments: "f" degree of functionalization

P4144-HOMMACOOH	Mn x 10 ³ : 3	Mw/Mn : 1.13	95%	1g
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Poly(methyl methacrylate), (α -thiol, ω -carboxy)-terminated 機能性ポリマー

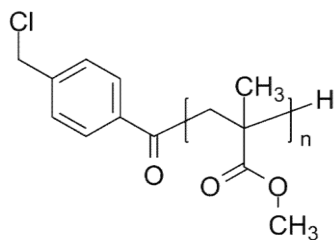
Poly(methyl methacrylate), end-functionalized



P5761-MMASHCOOH	Mn x 10 ³ : 9	Mw/Mn : 1.38	0.5g
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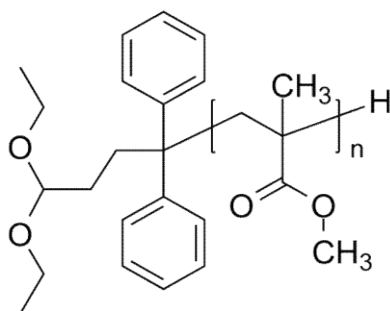
Poly(methyl methacrylate), α -(benzyl chloride)-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized



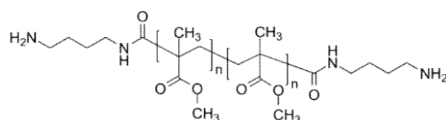
P20096-MMABenzylCl	Mn x 10 ³ : 2.3	Mw/Mn : 3	f > 95%	1g
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Poly(methyl methacrylate), α -(diethylacetal propionaldehyde)-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



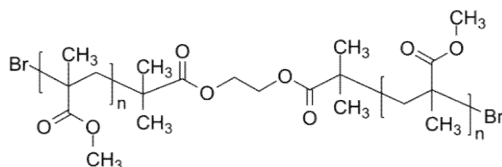
P10109-MMA-acetal	$M_n \times 10^3$: 5.5	M_w/M_n : 1.17	$\bar{P}$ > 99%	1g
P10109B-MMA-acetal	$M_n \times 10^3$: 7.5	M_w/M_n : 1.12	$\bar{P}$ > 99%	1g
P10109A-MMA-acetal	$M_n \times 10^3$: 8	M_w/M_n : 1.05	$\bar{P}$ > 99%	1g

Poly(methyl methacrylate), α,ω -bis(amino)-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



P919-MMA2NH2	$M_n \times 10^3$: 2	M_w/M_n : 1.4	1g
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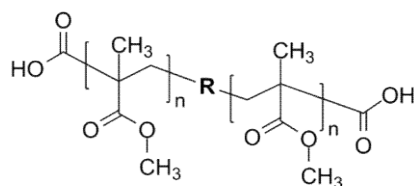
Poly(methyl methacrylate), α,ω -bis(bromo)-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



P14491-MMA2Br	$M_n \times 10^3$: 12	M_w/M_n : 2.14	1g
P6596A-MMA2Br	$M_n \times 10^3$: 12.5	M_w/M_n : 1.39	1g
P11120-MMA2Br	$M_n \times 10^3$: 18.2	M_w/M_n : 1.5	1g
P11109-MMA2Br	$M_n \times 10^3$: 19	M_w/M_n : 1.27	1g
P14508-MMA2Br	$M_n \times 10^3$: 237	M_w/M_n : 1.24	1g

Poly(methyl methacrylate), α,ω -bis(carboxy)-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized

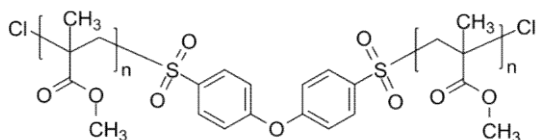


Comments: "f" degree of functionalization

P2554-MMA2COOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.19$	90%	1g
P2552-MMA2COOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.13$	90%	1g

Poly(methyl methacrylate), α,ω -bis(chloro)-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized

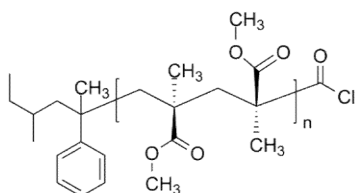


P10050A-MMA2Cl	$M_n \times 10^3 : 40$	$M_w/M_n : 1.3$	atactic	1g
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Poly(methyl methacrylate), α -acylchloride-terminated 機能性ポリマー

PMMA is syndiotactic.

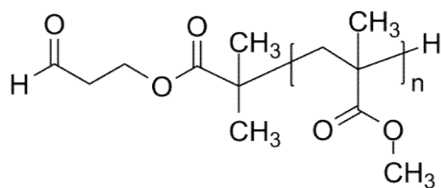
Poly(methyl methacrylate), end-functionalized



P116-MMACOCl	$M_n \times 10^3 : 9.3$	$M_w/M_n : 1.07$		1g
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Poly(methyl methacrylate), α -aldehyde-terminated 機能性ポリマー

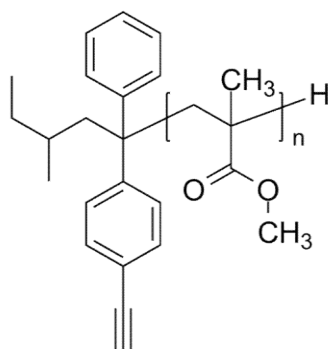
Poly(methyl methacrylate), end-functionalized



P10109-2-MMACHO	$M_n \times 10^3$: 5.5	M_w/M_n : 1.17	f=82%	1g
P14193B-MMACHO	$M_n \times 10^3$: 8.3	M_w/M_n : 1.4	f=73%	1g

Poly(methyl methacrylate), α -alkyne-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized

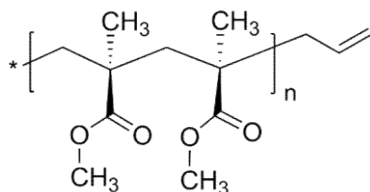


Comments: Alkyne functionality (f).

P18369-MMA-Alkyne	$M_n \times 10^3$: 10	M_w/M_n : 1.05	f>90%	1g
P18720-MMA-Alkyne	$M_n \times 10^3$: 16	M_w/M_n : 1.2	f>90%	1g
P18719-MMA-Alkyne	$M_n \times 10^3$: 31	M_w/M_n : 1.08	f>90%	1g

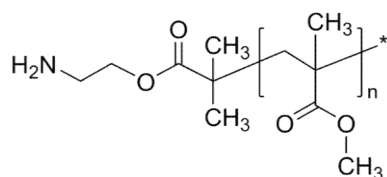
Poly(methyl methacrylate), α -allyl-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized



Poly(MMA) is isotactic.

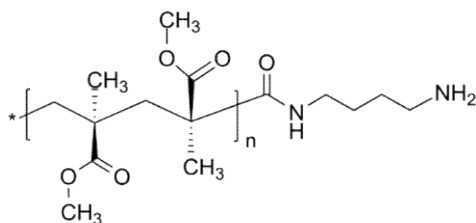
P3614A-iMMAVinyl	$M_n \times 10^3$: 2.2	M_w/M_n : 1.19	f>80%	1g
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新製品: Poly(methyl methacrylate), α -amino-terminated; - atactic 機能性ポリマー

P41918A-MMANH2	$M_n \times 10^3$: 10.5	M_w/M_n : 1.3	$f > 80\%$	1g
P41918-MMANH2	$M_n \times 10^3$: 17.5	M_w/M_n : 1.3	$f > 80\%$	1g

Poly(methyl methacrylate), α -aminobutylcarbamyl-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized

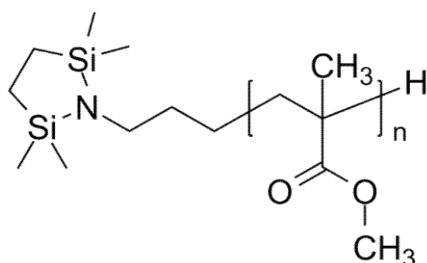


PMMA is 78% syndiotactic.

P3523-MMANH2	$M_n \times 10^3$: 30	M_w/M_n : 1.8	$f = 90$	1g
P3820-MMANH2	$M_n \times 10^3$: 31	M_w/M_n : 1.13	$f = 90$	1g
P5115-MMANH2	$M_n \times 10^3$: 55	M_w/M_n : 1.1	$f = 90$	1g
P3542-MMANH2	$M_n \times 10^3$: 80	M_w/M_n : 2	$f = 90$	1g
P3547-MMANH2	$M_n \times 10^3$: 130	M_w/M_n : 1.3	$f = 90$	1g
P3514-MMANH2	$M_n \times 10^3$: 220	M_w/M_n : 1.8	$f = 90$	1g

Poly(methyl methacrylate), α -amino-terminated, protected end-group 機能性ポリマー

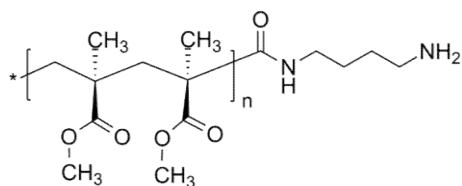
Poly(methyl methacrylate), end-functionalized



P4062-SiNPMMA	$M_n \times 10^3$: 2.9	M_w/M_n : 1.16	$f = 90\%$	1g
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Poly(methyl methacrylate), α -amino-terminated; - isotactic 機能性ポリマー

Poly(methyl methacrylate), amino-terminated

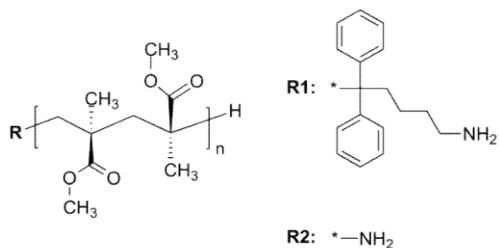


Poly(MMA) is 95% isotactic.

P6135-MMANH2	Mn x 10 ³ : 45	Mw/Mn : 1.3	f>90	1g
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Poly(methyl methacrylate), α -amino-terminated; - syndiotactic 機能性ポリマー

Poly(methyl methacrylate), amino-terminated

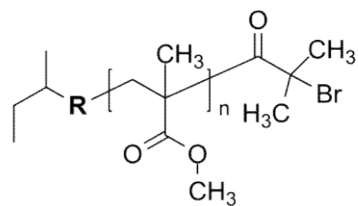


PMMA is 78% syndiotactic.

P11181-MMANH2	Mn x 10 ³ : 20	Mw/Mn : 1.2	f=98%; R1	1g
P19089-MMANH2	Mn x 10 ³ : 29	Mw/Mn : 1.4	f=98%; R1	1g

Poly(methyl methacrylate), α -bromo-terminated**機能性ポリマー**

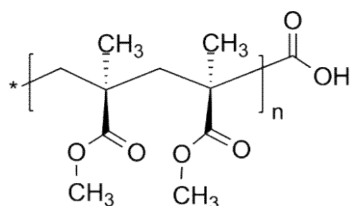
Poly(methyl methacrylate), end-functionalized

 $R = CH_2 \text{ or } C(Ph)_2$

P10067-MMABr	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.15$		1g
P10076F1-MMABr	$M_n \times 10^3 : 5$	$M_w/M_n : 1.8$	Isotactic	1g
P10079-MMABr	$M_n \times 10^3 : 9$	$M_w/M_n : 1.4$	Isotactic	1g
P10780-MMABr	$M_n \times 10^3 : 10.5$	$M_w/M_n : 1.19$	Syndiotactic	1g
P40204-MMABr	$M_n \times 10^3 : 15$	$M_w/M_n : 1.45$	Isotactic	1g
P6075-MMABr	$M_n \times 10^3 : 24$	$M_w/M_n : 1.15$	Atactic	1g
P10076F3-MMABr	$M_n \times 10^3 : 28$	$M_w/M_n : 1.8$	Isotactic	1g
P40015-MMABr	$M_n \times 10^3 : 42$	$M_w/M_n : 1.4$	Isotactic	1g
P40015A-MMABr	$M_n \times 10^3 : 77$	$M_w/M_n : 1.12$	Isotactic	1g
P10046-MMABr	$M_n \times 10^3 : 190$	$M_w/M_n : 1.2$		1g

Poly(methyl methacrylate), α -carboxy-terminated; - isotactic**機能性ポリマー**

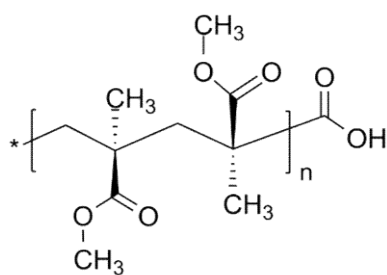
Poly(methyl methacrylate), carboxy-terminated



PMMA is 92% isotactic.

P3614-iMMACOOH	$M_n \times 10^3 : 2.2$	$M_w/M_n : 1.19$	98%	1g
P3619-iMMACOOH	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.1$		1g
P3879-iMMACOOH	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.3$	90%	1g
P6168-iMMACOOH	$M_n \times 10^3 : 12$	$M_w/M_n : 1.18$	90%	1g
P6131-iMMACOOH	$M_n \times 10^3 : 14$	$M_w/M_n : 1.3$		1g
P3875B-iMMACOOH	$M_n \times 10^3 : 15$	$M_w/M_n : 2.5$	85%	1g
P3876C-iMMACOOH	$M_n \times 10^3 : 20$	$M_w/M_n : 1.5$	90%	1g
P3871-iMMACOOH	$M_n \times 10^3 : 24$	$M_w/M_n : \text{broad}$	75%	1g
P3867C-iMMACOOH	$M_n \times 10^3 : 32$	$M_w/M_n : 1.14$		1g
P3878-iMMACOOH	$M_n \times 10^3 : 33$	$M_w/M_n : 1.25$	90%	1g
P3867D-iMMACOOH	$M_n \times 10^3 : 37$	$M_w/M_n : 1.25$		1g
P3873B-iMMACOOH	$M_n \times 10^3 : 40$	$M_w/M_n : 2.6$	90%	1g
P6135-iMMACOOH	$M_n \times 10^3 : 45$	$M_w/M_n : 1.3$	90%	1g
P3876B-iMMACOOH	$M_n \times 10^3 : 55$	$M_w/M_n : 1.3$	90%	1g
P3872-iMMACOOH	$M_n \times 10^3 : 55$	$M_w/M_n : 2.5$		1g
P6170-iMMACOOH	$M_n \times 10^3 : 109.8$	$M_w/M_n : 1.21$	90%	1g
P3875A-iMMACOOH	$M_n \times 10^3 : 170$	$M_w/M_n : 1.3$	85%	1g
P3873A-iMMACOOH	$M_n \times 10^3 : 208$	$M_w/M_n : 1.6$	90%	1g

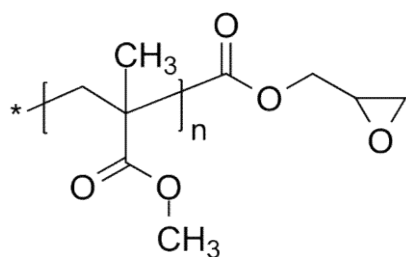
Poly(methyl methacrylate), α -carboxy-terminated; - syndiotactic 機能性ポリマー
Poly(methyl methacrylate), carboxy-terminated



PMMA is 78% syndiotactic.

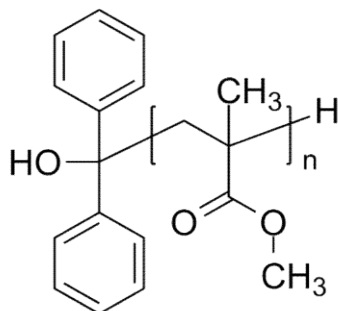
P3020-MMACOOH	$M_n \times 10^3 : 1.7$	$M_w/M_n : 1.14$	$f=98\%$	1g
P41597-MMACOOH	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.05$	$f = 98\%$	1g
P1280-MMACOOH	$M_n \times 10^3 : 4.6$	$M_w/M_n : 1$		1g
P1760-MMACOOH	$M_n \times 10^3 : 6.9$	$M_w/M_n : 1.1$		1g
P1767-MMACOOH	$M_n \times 10^3 : 7.6$	$M_w/M_n : 1.09$	$f=98\%$	1g
P1766-MMACOOH	$M_n \times 10^3 : 8.4$	$M_w/M_n : 1.07$	$f=98\%$	1g
P1762-MMACOOH	$M_n \times 10^3 : 8.5$	$M_w/M_n : 1.12$	$f=40\%$	1g
P1761-MMACOOH	$M_n \times 10^3 : 13.5$	$M_w/M_n : 1.14$	$f=70\%$	1g
P3817-MMACOOH	$M_n \times 10^3 : 28$	$M_w/M_n : 1.16$	$f=90\%$	1g
P3497-MMACOOH	$M_n \times 10^3 : 35$	$M_w/M_n : 1.08$	$f=95\%$	1g
P5111-MMACOOH	$M_n \times 10^3 : 47$	$M_w/M_n : 1.4$	0.92	1g
P6122-MMACOOH	$M_n \times 10^3 : 55$	$M_w/M_n : 1.1$	0.98	1g
P5110-MMACOOH	$M_n \times 10^3 : 70$	$M_w/M_n : 1.4$	0.92	1g

Poly(methyl methacrylate), α -epoxy-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



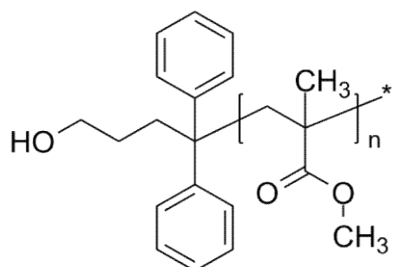
P10472-MMAEpoxy	$M_n \times 10^3 : 25$	$M_w/M_n : 1.18$	1g
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Poly(methyl methacrylate), α -hydroxydiphenylmethyl-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized



P8762-MMAOH	$M_n \times 10^3 : 21$	$M_w/M_n : 1.15$	1g
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Poly(methyl methacrylate), α -hydroxypropyl-terminated 機能性ポリマー
Poly(methyl methacrylate), end-functionalized

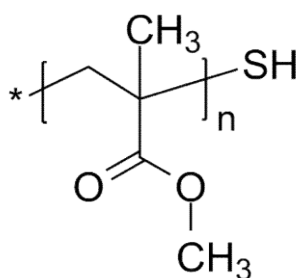


Comments: Comments Column: "F" degree of functionalization

P2590-MMAOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.06$	98%	1g
P2595-MMAOH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.11$		1g
P1763-MMAOH	$M_n \times 10^3 : 6.3$	$M_w/M_n : 1.06$		1g
P6609-MMAOH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.18$	98%	1g
P18111-MMAOH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.5$		1g
P6610D-MMAOH	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.3$	98%	1g
P9321-MMAOH	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.1$	98%	1g
P2581-MMAOH	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.44$		1g
P9411-MMAOH	$M_n \times 10^3 : 30$	$M_w/M_n : 1.15$		1g
P10466-MMAOH	$M_n \times 10^3 : 45$	$M_w/M_n : 1.15$	98%	1g
P2239-MMAOH	$M_n \times 10^3 : 56.3$	$M_w/M_n : 1.06$		1g
P10465-MMAOH	$M_n \times 10^3 : 98$	$M_w/M_n : 1.4$	98%	1g
P5467-MMAOH	$M_n \times 10^3 : 118$	$M_w/M_n : 1.2$	98%	1g
P10416-MMAOH	$M_n \times 10^3 : 160$	$M_w/M_n : 1.15$	98%	1g
P10462-MMAOH	$M_n \times 10^3 : 200$	$M_w/M_n : 1.15$	98%	1g
P10414-MMAOH	$M_n \times 10^3 : 589$	$M_w/M_n : 1.4$	98%	1g

Poly(methyl methacrylate), α -thiol-terminated 機能性ポリマー

Poly(methyl methacrylate), end-functionalized

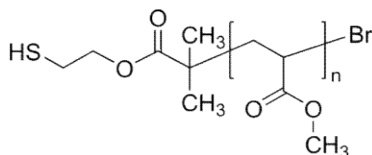


PMMA is atactic.

P20165-MMASH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.5$	s:h:i=55:40:5	1g
P5741-MMASH	$M_n \times 10^3 : 3.2$	$M_w/M_n : 1.3$	s:h:i=63:35:2	1g
P19021D-MMASH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.3$	s:h:i=55:40:5	1g
P19022B-MMASH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.25$	s:h:i=55:40:5	1g
P19021-MMASH	$M_n \times 10^3 : 7$	$M_w/M_n : 1.27$	s:h:i=55:40:5	1g
P19022C-MMASH	$M_n \times 10^3 : 7$	$M_w/M_n : 1.28$	s:h:i=55:40:5	1g
P19022A-MMASH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.25$	s:h:i=55:40:5	1g
P19022D-MMASH	$M_n \times 10^3 : 15$	$M_w/M_n : 1.4$	s:h:i=55:40:5	1g
P5738-MMASH	$M_n \times 10^3 : 16$	$M_w/M_n : 1.35$	s:h:i=60:34:6	1g
P19022-MMASH	$M_n \times 10^3 : 22$	$M_w/M_n : 1.5$	s:h:i=55:40:5	1g

Poly(methyl acrylate), α -thiol-terminated (obtained by ATRP) 機能性ポリマー

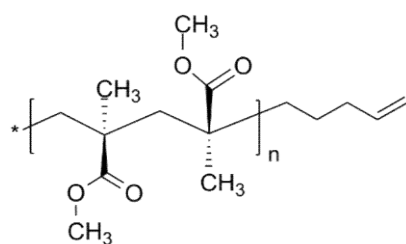
Poly(methyl acrylate), thiol-terminated



P41644-MASH	$M_n \times 10^3 : 1.1$	$M_w/M_n : 1.3$		1g
P16380-MASH	$M_n \times 10^3 : 1.2$	$M_w/M_n : 1.3$	f~90%	1g
P16379-MASH	$M_n \times 10^3 : 6.5$	$M_w/M_n : 1.35$	f~80%	1g

Poly(methyl methacrylate), α -vinylalkyl (olefin)-terminated**機能性ポリマー**

Poly(methyl methacrylate), end-functionalized



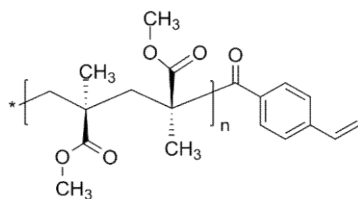
PMMA is 80% syndiotactic.

Comments: "f" degree of functionalization

P990-MMAVinyl	$M_n \times 10^3$: 17.9	Mw/Mn : 1.04	100%	1g
P982-MMAVinyl	$M_n \times 10^3$: 42.2	Mw/Mn : 1.04	100%	1g
P984-MMAVinyl	$M_n \times 10^3$: 76.1	Mw/Mn : 1.07	100%	1g
P987-MMAVinyl	$M_n \times 10^3$: 80.3	Mw/Mn : 1.07	100%	1g

Poly(methyl methacrylate), α -vinylbenzoyl-terminated**機能性ポリマー**

Poly(methyl methacrylate), end-functionalized

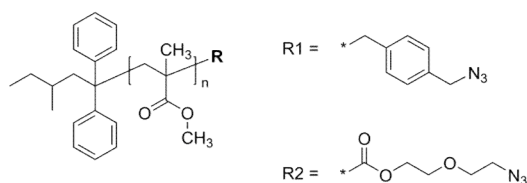


PMMA is 80% syndiotactic.

P1887-MMAVinyl	$M_n \times 10^3$: 4.7	Mw/Mn : 1.06	1g
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Poly(methyl methacrylate), ω -(benzyl azide)-terminated**機能性ポリマー**

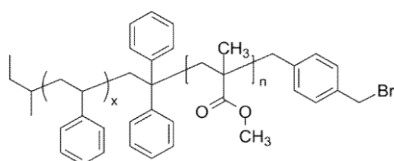
Poly(methyl methacrylate), azide-terminated



P41595-MMA-N3	$M_n \times 10^3$: 2	Mw/Mn : 1.14	R2 f > 98%	1g
P41596-MMA-N3	$M_n \times 10^3$: 2	Mw/Mn : 1.14	R2 f > 98%	1g
P19861BF2-MMABzN3	$M_n \times 10^3$: 5.5	Mw/Mn : 1.1	R1 f > 70%	1g
P19861AF1-MMABzN3	$M_n \times 10^3$: 6.5	Mw/Mn : 1.1	R1 f > 60%	1g

Poly(methyl methacrylate), ω -(benzyl bromide)-terminated 機能性ポリマー

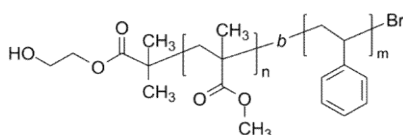
Poly(methyl methacrylate), end-functionalized



P41599A-MMABzBr	$M_n \times 10^3$: 3	M_w/M_n : 1.05	$f > 98\%$	1g
P19861F2-MMABzBr	$M_n \times 10^3$: 5.5	M_w/M_n : 1.1	$f > 98\%$	1g
P19861F1-MMABzBr	$M_n \times 10^3$: 6.5	M_w/M_n : 1.1	$f > 60\%$	1g

Poly(methyl methacrylate)-b-poly(styrene), (α -hydroxy, ω -bromo)-terminated; PMMA is atactic 機能性ブロックコポリマー

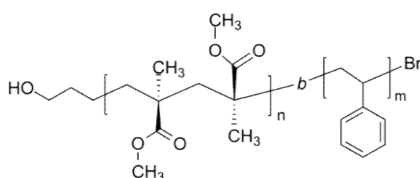
Poly(methyl methacrylate)-b-poly(styrene), functionalized



Comments: Catageory A: PMMA block has microstructure:(Iso:Hetero:syndio ratio about: 3:35:62)

Catageory B: PMMA block has microstructure:(Iso:Hetero:syndio ratio about: 10:22:68)

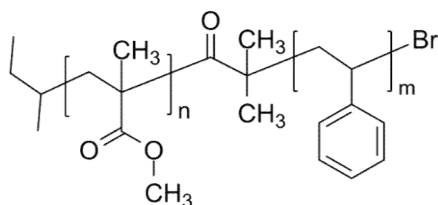
P6646B-HOMMASBr	$M_n \times 10^3$: 25-b-26.0	M_w/M_n : 1.26	Catageory-A	1g
P6649-HOMMASBr	$M_n \times 10^3$: 26-b-32.0	M_w/M_n : 1.3	Catageory-B	1g
P6646C-HOMMASBr	$M_n \times 10^3$: 33-b-15.5	M_w/M_n : 1.3	Catageory-A	1g
P6646A-HOMMASBr	$M_n \times 10^3$: 45-b-24.0	M_w/M_n : 1.26	Catageory-A	1g

Poly(methyl methacrylate)-b-poly(styrene), (α -hydroxy, ω -bromo)-terminated; PMMA is syndiotactic 機能性ブロックコポリマー

Comments: PMMA block rich in syndiotacticity over 78%

P9362-HOMMASBr	$M_n \times 10^3$: 2.5-b-25.0	M_w/M_n : 1.5	0.5g
P5468A-HOMMASBr	$M_n \times 10^3$: 42-b-130.0	M_w/M_n : 1.6	0.5g
P5468B-HOMMASBr	$M_n \times 10^3$: 42-b-48.0	M_w/M_n : 1.35	0.5g
P5468C-HOMMASBr	$M_n \times 10^3$: 42-b-15.0	M_w/M_n : 1.18	0.5g
P5468D-HOMMASBr	$M_n \times 10^3$: 42-b-46.0	M_w/M_n : 1.35	0.5g

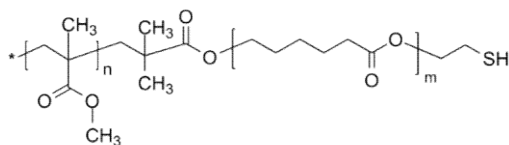
Poly(methyl methacrylate)-b-poly(styrene), ω -bromo-terminated 機能性ブロックコポリマー
Poly(methyl methacrylate)-b-poly(styrene), functionalized



Comments: I - isotactic; H - heterotactic; S - syndiotactic.

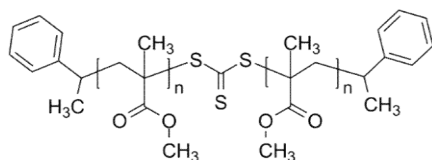
P40015G-MMASBr	$M_n \times 10^3$: 0.6-b-18	M_w/M_n : 1.14	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40015F-MMASBr	$M_n \times 10^3$: 1-b-32	M_w/M_n : 1.16	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40015P-MMASBr	$M_n \times 10^3$: 2.5-b-41	M_w/M_n : 1.22	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40015L-MMASBr	$M_n \times 10^3$: 5-b-50	M_w/M_n : 1.09	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40097A-MMASBr	$M_n \times 10^3$: 6.3-b-2	M_w/M_n : 1.09	PMMA, iso:hetero:syndi o = 78:16:6	1g
P40097C-MMASBr	$M_n \times 10^3$: 6.3-b-9	M_w/M_n : 1.09	PMMA, iso:hetero:syndi o = 78:16:6	1g
P40097B-MMASBr	$M_n \times 10^3$: 6.3-b-10	M_w/M_n : 1.09	PMMA, iso:hetero:syndi o = 78:16:6	1g
P40097D-MMASBr	$M_n \times 10^3$: 6.3-b-39	M_w/M_n : 1.27	PMMA, iso:hetero:syndi o = 78:16:6	1g
P40097E-MMASBr	$M_n \times 10^3$: 6.3-b-39	M_w/M_n : 1.25	PMMA, iso:hetero:syndi o = 78:16:6	1g
P40015E-MMASBr	$M_n \times 10^3$: 8-b-45	M_w/M_n : 1.1	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40015B-MMASBr	$M_n \times 10^3$: 8-b-58	M_w/M_n : 1.14	PMMA, iso:hetero:syndi o = 88:10:2	1g
P10079A-MMASBr	$M_n \times 10^3$: 9-b-155	M_w/M_n : 1.8	PMMA, iso:hetero:syndi o = 75:23:2	1g
P40015C-MMASBr	$M_n \times 10^3$: 10-b-45	M_w/M_n : 1.4	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40015K-MMASBr	$M_n \times 10^3$: 25-b-118	M_w/M_n : 1.22	PMMA, iso:hetero:syndi o = 88:10:2	1g
P40015R-MMASBr	$M_n \times 10^3$: 35-b-57	M_w/M_n : 1.45	PMMA, iso:hetero:syndi o = 88:10:2	1g

Poly(methyl methacrylate)-b-poly(ϵ -caprolactone), ω -thiol-terminated 機能性ブロックコポリマー
Functionalized Diblock Copolymer



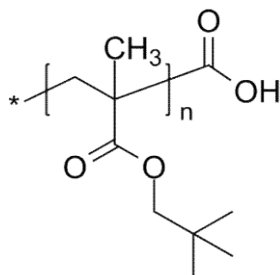
P20022A2-6A-MMACLSH	$M_n \times 10^3$: 2-b-3.4	M_w/M_n : 1.3	1g
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Poly(methyl methacrylate), with trithiocarbonate (RAFT moiety) in center 機能性ポリマー
RAFT agents (macroinitiators)



P16295C-MMA-RAFT-MMA	$M_n \times 10^3$: 13	M_w/M_n : 1.27	1g
P16295D-MMA-RAFT-MMA	$M_n \times 10^3$: 36	M_w/M_n : 1.24	1g
P16295B-MMA-RAFT-MMA	$M_n \times 10^3$: 47	M_w/M_n : 3	1g
P16295A-MMA-RAFT-MMA	$M_n \times 10^3$: 70	M_w/M_n : 1.24	1g
P16295-MMA-RAFT-MMA	$M_n \times 10^3$: 72.5	M_w/M_n : 1.26	1g

Poly(neopentyl methacrylate), α -carboxy-terminated 機能性ポリマー
Poly(neopentyl methacrylate), functionalized

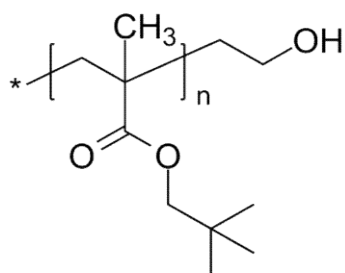


Comments: Comments Column: "f" degree of functionalization

P3646-NPMACOOH	$M_n \times 10^3$: 21.7	M_w/M_n : 1.05	95%	1g
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Poly(neopentyl methacrylate), α -hydroxy-terminated 機能性ポリマー

Poly(neopentyl methacrylate), functionalized

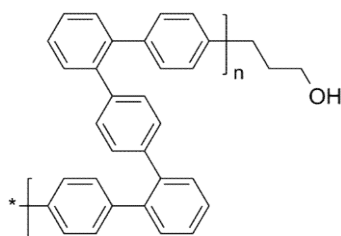


Comments: Comments Column: "f" degree of functionalization

P3647-NPMAOH	$M_n \times 10^3$: 25.8	M_w/M_n : 1.04	90%	1g
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Poly(1,2-phenylene-co-1,4-phenylene), α -hydroxy-terminated 機能性ポリマー

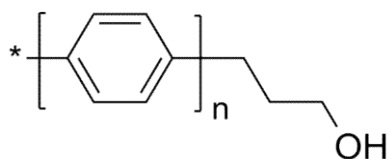
Polyphenylenes, functionalized



P9458-PPOH	$M_n \times 10^3$: 4.5	M_w/M_n : 1.19	0.5g
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Poly(1,4-phenylene), ω -hydroxy-terminated 機能性ポリマー

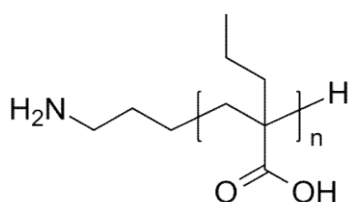
Polyphenylenes, functionalized



P9473-PPOH	$M_n \times 10^3$: 1.5	M_w/M_n : 1.3	0.5g
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Poly(propylacrylic acid), α -amino-terminated 機能性ポリマー

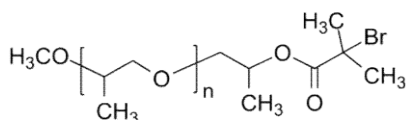
Poly([alkyl] acrylic acids), functionalized



P11465-PrAANH2	$M_n \times 10^3$: 1.5	M_w/M_n : 1.2	0.5g
P9981A-PrAANH2	$M_n \times 10^3$: 2.8	M_w/M_n : 1.2	0.5g
P5006-PrAANH2	$M_n \times 10^3$: 19.5	M_w/M_n : 1.25	0.5g

Poly(propylene glycol) methyl ether, ω -bromo-terminated 機能性ポリマー

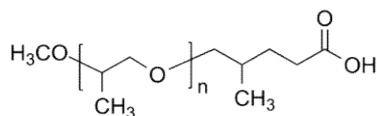
Poly(propylene oxide) or poly(propylene glycol), functionalized



P10126A-POOCH3Br	$M_n \times 10^3$: 4.2	M_w/M_n : 1.18	1g
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Poly(propylene glycol) methyl ether, ω -carboxy-terminated 機能性ポリマー

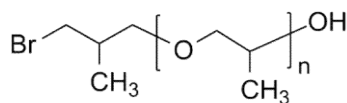
Poly(propylene oxide) or poly(propylene glycol), functionalized



P10800-POOCH3COOH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.25	1g
P10799-POOCH3COOH	$M_n \times 10^3$: 50	M_w/M_n : 1.35	1g

Poly(propylene glycol), (α -bromo, ω -hydroxy)-terminated 機能性ポリマー

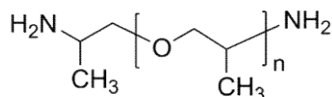
Poly(propylene oxide) or poly(propylene glycol), functionalized



P10741-POBrOH	$M_n \times 10^3 : 6$	$M_w/M_n : 1.3$	1g
P10743-POBrOH	$M_n \times 10^3 : 7$	$M_w/M_n : 1.4$	1g
P6584-POBrOH	$M_n \times 10^3 : 14$	$M_w/M_n : 1.35$	1g
P18680-POBrOH	$M_n \times 10^3 : 15.5$	$M_w/M_n : 1.12$	1g
P18681-POBrOH	$M_n \times 10^3 : 15.5$	$M_w/M_n : 1.5$	1g

Poly(propylene glycol), α,ω -bis(amino)-terminated 機能性ポリマー

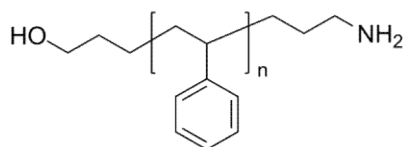
Poly(propylene oxide) or poly(propylene glycol), functionalized



PPO(NH ₂) ₂ 0.5K	$M_n \times 10^3 : 0.5$	$M_w/M_n : 1.12$	1g
PPO(NH ₂) ₂ 2K	$M_n \times 10^3 : 2$	$M_w/M_n : 1.07$	1g
PPO(NH ₂) ₂ 5K	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.02$	1g
PPO(NH ₂) ₂ 5.6K	$M_n \times 10^3 : 5.6$	$M_w/M_n : 1.08$	1g

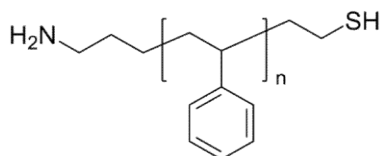
Poly(styrene), (α -hydroxy, ω -amino)-terminated 機能性ポリマー

Poly(styrene), end-functionalized



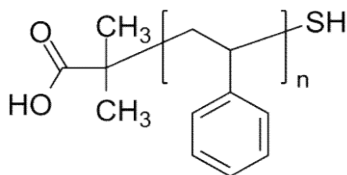
P19190-NH ₂ SOH	$M_n \times 10^3 : 1.9$	$M_w/M_n : 1.09$	1g
P41369-NH ₂ SOH	$M_n \times 10^3 : 4$	$M_w/M_n : 1.15$	1g
P19189-NH ₂ SOH	$M_n \times 10^3 : 5.5$	$M_w/M_n : 1.13$	1g
P19118-NH ₂ SOH	$M_n \times 10^3 : 10.5$	$M_w/M_n : 1.3$	1g
P19119-NH ₂ SOH	$M_n \times 10^3 : 11$	$M_w/M_n : 1.65$	1g

Poly(styrene), (α -amino, ω -thiol)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



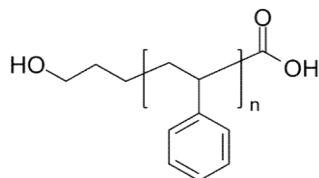
P41368-NH2SSH	$M_n \times 10^3 : 9$	$M_w/M_n : 1.3$	1g
P4042-NH2SSH	$M_n \times 10^3 : 16.5$	$M_w/M_n : 1.6$	1g
P4035- NH2SSH	$M_n \times 10^3 : 21$	$M_w/M_n : 1.5$	1g
P4030-NH2SSH	$M_n \times 10^3 : 21.5$	$M_w/M_n : 1.1$	1g
P4043-NH2SSH	$M_n \times 10^3 : 30.5$	$M_w/M_n : 1.8$	1g
P4033-NH2SSH	$M_n \times 10^3 : 34$	$M_w/M_n : 1.9$	1g
P4037- NH2SSH	$M_n \times 10^3 : 37.5$	$M_w/M_n : 1.6$	1g
P4055-NH2SSH	$M_n \times 10^3 : 39$	$M_w/M_n : 1.8$	1g
P4031- NH2SSH	$M_n \times 10^3 : 135$	$M_w/M_n : 1.1$	1g

Poly(styrene), (α -carboxy, ω -thiol)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P6695-SCOOHSH	$M_n \times 10^3 : 2.3$	$M_w/M_n : 1.25$	>95% functionality	0.5g
P6696-SCOOHSH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.2$	>95% functionality	0.5g

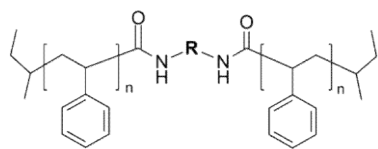
Poly(styrene), (α -hydroxy, ω -carboxy)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P4142-HOSCOOH	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.13$	1g
P4143-HOSCOOH	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.15$	1g

Poly(styrene), with alkyl-di(amide) group in center of polymer chain 機能性ポリマー

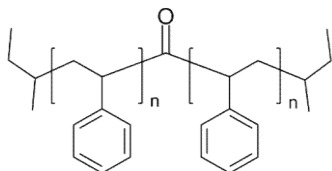
Poly(styrene), central-functionalized

 $R = (CH_2)_3 \text{ or } (CH_2)_4$

P18874-SNH-NHS	$M_n \times 10^3 : 4$	$M_w/M_n : 1.28$	R: butane-1,4-diyl	1g
P18874A-SNH-NHS	$M_n \times 10^3 : 4$	$M_w/M_n : 1.35$	R: butane-1,4-diyl	1g
P10549B-SNH-NHS	$M_n \times 10^3 : 18$	$M_w/M_n : 1.14$	R: butane-1,4-diyl	1g

Poly(styrene), with carbonyl group in center of polymer chain 機能性ポリマー

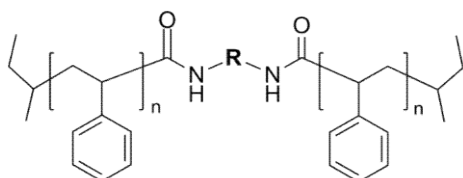
Poly(styrene), central-functionalized



P11334A-SCOS	$M_n \times 10^3 : 6$	$M_w/M_n : 1.15$		1g
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Poly(styrene), with alkyl-di(amide) group in center of polymer chain 機能性ポリマー

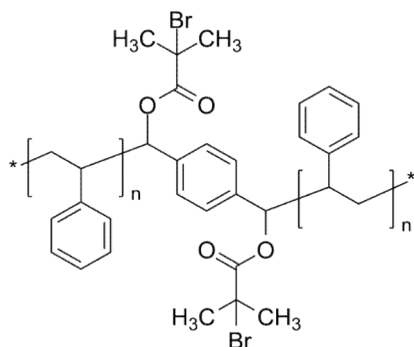
Polystyrenes, functionalized

 $R = (CH_2)_3 \text{ or } (CH_2)_4$

P18874-SDABS	$M_n \times 10^3 : 4$	$M_w/M_n : 1.28$	R: butane-1,4-diyl	1g
P18874A-SDABS	$M_n \times 10^3 : 4$	$M_w/M_n : 1.35$	R: butane-1,4-diyl	1g
P10549B-SDABS	$M_n \times 10^3 : 18$	$M_w/M_n : 1.14$	R: butane-1,4-diyl	1g

Poly(styrene), with di(bromo)-group in center of polymer chain**機能性ポリマー**

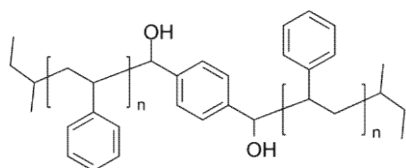
Poly(styrene), central-functionalized



P10092D-S2Br	$M_n \times 10^3 : 5$	$M_w/M_n : 1.4$	1g
P18120A-S2Br	$M_n \times 10^3 : 10$	$M_w/M_n : 1.18$	1g
P18121A-S2Br	$M_n \times 10^3 : 10$	$M_w/M_n : 1.18$	1g

Poly(styrene), with dihydroxy group in centre of polymer chain**機能性ポリマー**

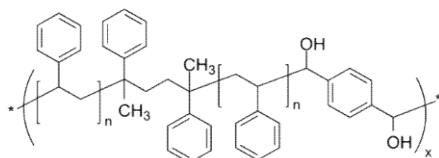
Poly(styrene), central-functionalized



P10092-S2OH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.4$	1g
P18121-S(2OH)x	$M_n \times 10^3 : 10$	$M_w/M_n : 1.18$	1g
P18121-S2OH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.18$	1g

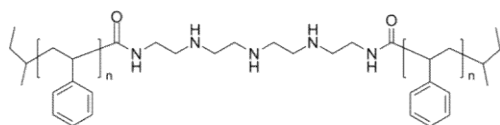
Poly(styrene), with hydroxy groups (multifunctional)**機能性ポリマー**

Poly(styrene), central-functionalized



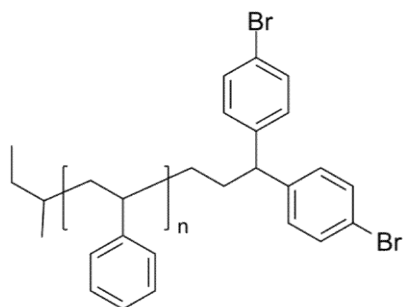
P10095-S(2OH)x	$M_n \times 10^3 : 12$	$M_w/M_n : 4$	x=2; $M_n(PS)=5k$	1g
P10096C-S(2OH)x	$M_n \times 10^3 : 33$	$M_w/M_n : 3$	x=6; $M_n(PS)=5k$	1g
P10096B-S(2OH)x	$M_n \times 10^3 : 45$	$M_w/M_n : 3$	x=9; $M_n(PS)=5k$	1g
P10096A-S(2OH)x	$M_n \times 10^3 : 68$	$M_w/M_n : 3$	x=13; $M_n(PS)=5k$	1g

Poly(styrene), with pentaethylene hexamine group in center of polymer chain 機能性ポリマー
Poly(styrene), central-functionalized



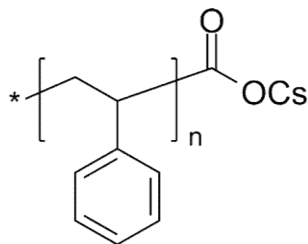
P18874C-S2PEHA	$M_n \times 10^3 : 4$	$M_w/M_n : 1.2$	1g
P18881A-S2PEHA	$M_n \times 10^3 : 4$	$M_w/M_n : 1.35$	contains 10% PS- PEHA with terminal NH2 1g
P18887-S2PEHA	$M_n \times 10^3 : 4$	$M_w/M_n : 1.05$	1g
P18887A-S2PEHA	$M_n \times 10^3 : 4$	$M_w/M_n : 1.15$	1g
P18909C-S2PEHA	$M_n \times 10^3 : 5$	$M_w/M_n : 1.3$	1g
P18909CC-S2PEHA	$M_n \times 10^3 : 5$	$M_w/M_n : 1.4$	1g

Poly(styrene), ω -(4,4'-dibromo-diphenylmethane)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



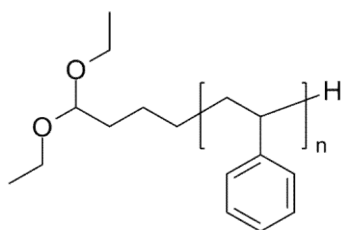
P10296-S2BrDPE	$M_n \times 10^3 : 30$	$M_w/M_n : 1.08$	1g
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Poly(styrene), ω -(carboxy cesium salt)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



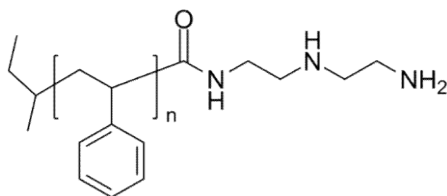
P2334-SCOOCs	$M_n \times 10^3 : 4.2$	$M_w/M_n : 1.2$	1g
P993-SCOOCs	$M_n \times 10^3 : 9.7$	$M_w/M_n : 1.08$	1g
P536-SCOOCs	$M_n \times 10^3 : 45.9$	$M_w/M_n : 1.05$	1g

Poly(styrene), α -(diethylacetal propionaldehyde)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P8824-Sacetal	$M_n \times 10^3$: 24	M_w/M_n : 1.4	1g
P8832-Sacetal	$M_n \times 10^3$: 50	M_w/M_n : 1.4	1g

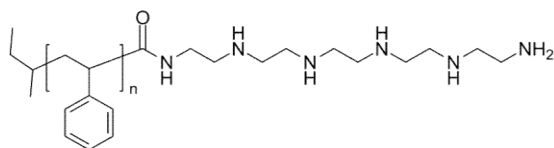
Poly(styrene), ω -(diethylene triamine)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P18083CC-SDTA	$M_n \times 10^3$: 0.9	M_w/M_n : 1.25	1g
P18058B-SDTA	$M_n \times 10^3$: 2.6	M_w/M_n : 1.1	1g
P18083B-SDTA	$M_n \times 10^3$: 3	M_w/M_n : 1.13	1g

Poly(styrene), ω -(pentaethylene hexamine)-terminated 機能性ポリマー

Poly(styrene), end-functionalized

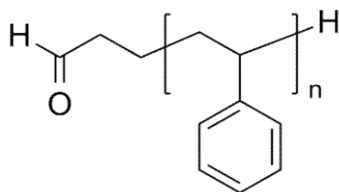


P18083A-SPEHA	$M_n \times 10^3$: 1.4	Mw/Mn : 1.13		1g
P18881--SPEHA	$M_n \times 10^3$: 2.2	Mw/Mn : 1.08	Dialyzed	1g
P18887B-SPEHA	$M_n \times 10^3$: 2.2	Mw/Mn : 1.08	Dialyzed	1g
P18891-SPEHA	$M_n \times 10^3$: 2.3	Mw/Mn : 1.08	Dialyzed	1g
P18891A-SPEHA	$M_n \times 10^3$: 2.3	Mw/Mn : 1.08	Dialyzed	1g
P18909A-SPEHA	$M_n \times 10^3$: 2.3	Mw/Mn : 1.3	Dialyzed	1g
P18071A-SPEHA	$M_n \times 10^3$: 2.6	Mw/Mn : 1.13		1g
P18058AP-SPEHA	$M_n \times 10^3$: 2.6	Mw/Mn : 1.1	Dialyzed	1g
P18042A-SPEHA	$M_n \times 10^3$: 4.8	Mw/Mn : 1.13		1g
P18049AP-SPEHA	$M_n \times 10^3$: 5.3	Mw/Mn : 1.04	Dialyzed	1g
P18061-SPEHA	$M_n \times 10^3$: 5.3	Mw/Mn : 1.04		1g

Poly(styrene), α -(propionaldehyde)-terminated

機能性ポリマー

Poly(styrene), aldehyde-terminated

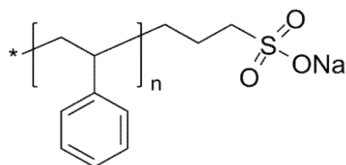


P10113A-SCHO	$M_n \times 10^3$: 3	Mw/Mn : 1.3	f= 82%	1g
P10114A-SCHO	$M_n \times 10^3$: 3.8	Mw/Mn : 1.26	f= 70%	1g
P10112A-SCHO	$M_n \times 10^3$: 4.2	Mw/Mn : 1.25	f= 67%	1g
P10115A-SCHO	$M_n \times 10^3$: 5.2	Mw/Mn : 1.26	f= 77%	1g

Poly(styrene), ω -(sulfonic acid sodium salt)-terminated 機能性ポリマー

Synonym: mono(sodium sulfonyl)-terminated polystyrene.

Poly(styrene), end-functionalized

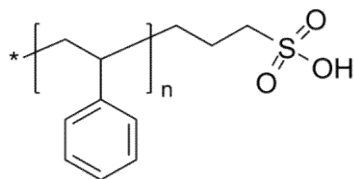


P2523-SSO3Na*	$M_n \times 10^3 : 0.2$	Mw/Mn : -	$\bar{f} > 99\%$; monomer:dimer = 72:28	1g
P2528-SSO3Na**	$M_n \times 10^3 : 0.3$	Mw/Mn : -	$\bar{f} > 99\%$; dimer = 73 mol%	1g
P2531-SSO3Na***	$M_n \times 10^3 : 0.3$	Mw/Mn : -	$\bar{f} > 99\%$; dimer = 92 mol%	1g
P2422-SSO3Na	$M_n \times 10^3 : 0.4$	Mw/Mn : -	$\bar{f} > 99\%$; trimer	1g
P2265-SSO3Na	$M_n \times 10^3 : 0.5$	Mw/Mn : 1.05	$\bar{f} > 90\%$; pentamer	1g
P2253-SSO3Na	$M_n \times 10^3 : 1$	Mw/Mn : 1.11	$\bar{f} > 90\%$; decamer	1g
P2255-SSO3Na	$M_n \times 10^3 : 1.3$	Mw/Mn : 1.11	$\bar{f} > 90\%$, n=14	1g

Poly(styrene), ω -(sulfonic acid)-terminated 機能性ポリマー

Synonym: monosulfonyl-terminated polystyrene.

Poly(styrene), end-functionalized

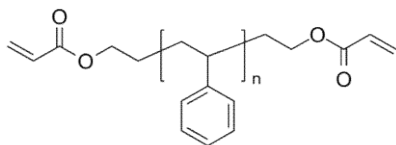


Comments: * Degree of polymerization,

** contain around 28 % of dimer

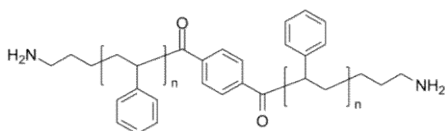
P2523-SSO3H	$M_n \times 10^3 : 0.2$	Mw/Mn : -	$\bar{f} = 99\%$ **	1g
P2422-SSO3H	$M_n \times 10^3 : 0.4$	Mw/Mn : -	$\bar{f} = 90\%$	1g
P2265-SSO3H	$M_n \times 10^3 : 0.6$	Mw/Mn : 1.05	$\bar{f} = 90\%$	1g
P2253-SSO3H	$M_n \times 10^3 : 1.1$	Mw/Mn : 1.11	$\bar{f} = 90\%$	1g
P2257-SSO3H	$M_n \times 10^3 : 1.3$	Mw/Mn : 1.24	$\bar{f} = 90\%$	1g
P2252-SSO3H	$M_n \times 10^3 : 2.1$	Mw/Mn : 1.4	$\bar{f} = 90\%$	1g
P4679-SSO3H	$M_n \times 10^3 : 4$	Mw/Mn : 1.1	$\bar{f} = 98\%$	1g
P4674-SSO3H	$M_n \times 10^3 : 10.5$	Mw/Mn : 1.12	$\bar{f} = 98\%$	1g
P4680-SSO3H	$M_n \times 10^3 : 17$	Mw/Mn : 1.07	$\bar{f} = 98\%$	1g
P4681-SSO3H	$M_n \times 10^3 : 31.5$	Mw/Mn : 1.05	$\bar{f} = 98\%$	1g
P1771-SSO3H	$M_n \times 10^3 : 228.5$	Mw/Mn : 1.1	$\bar{f} = 95\%$	1g
P1787-SSO3H	$M_n \times 10^3 : 318.7$	Mw/Mn : 1.09	$\bar{f} = 98\%$	1g
P1785-SSO3H	$M_n \times 10^3 : 402.1$	Mw/Mn : 1.13	$\bar{f} = 90\%$	1g
P1776-SSO3H	$M_n \times 10^3 : 738.1$	Mw/Mn : 1.07	$\bar{f} = 80\%$	1g
P1770-SSO3H	$M_n \times 10^3 : 897.5$	Mw/Mn : 1.06	$\bar{f} = 98\%$	1g

Poly(styrene), α,ω -bis(acrylate)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



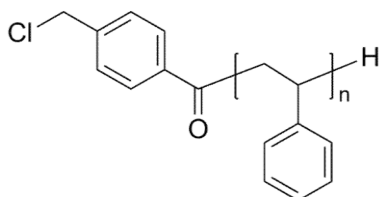
P18109A-S2acrylate	$M_n \times 10^3$: 428	M_w/M_n : 1.18	1g
P18085A-S2acrylate	$M_n \times 10^3$: 1,697	M_w/M_n : 1.22	1g

Poly(styrene), α,ω -bis(amino)-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P11163-S2NH2	$M_n \times 10^3$: 30	M_w/M_n : 1.35	1g
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新製品 : Poly(styrene), α -(benzyl chloride)-terminated 機能性ポリマー
Poly(styrene), end-functionalized

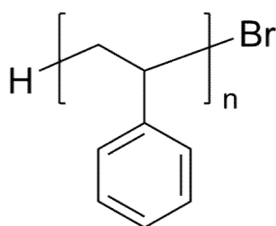


P42265C-SBzCl	$M_n \times 10^3$: 130	M_w/M_n : 1.8	1g
P42265B-SBzCl	$M_n \times 10^3$: 140	M_w/M_n : 1.5	1g
P42265A-SBzCl	$M_n \times 10^3$: 148	M_w/M_n : 1.4	1g

新製品: Poly(styrene), ω -bromo-terminated**機能性ポリマー**

ATRP macroinitiator.

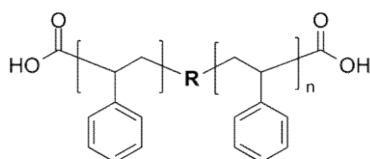
Polystyrene, end-functionalized



P41870-SBr	$M_n \times 10^3 : 5$	$M_w/M_n : 1.05$	1g
P41871-SBr	$M_n \times 10^3 : 5$	$M_w/M_n : 1.25$	1g
P41874-SBr	$M_n \times 10^3 : 5$	$M_w/M_n : 1.2$	1g
P13247-SBr	$M_n \times 10^3 : 6$	$M_w/M_n : 1.3$	1g
P41870A-SBr	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.1$	1g
P41872-SBr	$M_n \times 10^3 : 10.5$	$M_w/M_n : 1.11$	1g
P41873-SBr	$M_n \times 10^3 : 27$	$M_w/M_n : 1.35$	1g
P41875-SBr	$M_n \times 10^3 : 28$	$M_w/M_n : 1.25$	1g

Poly(styrene), α,ω -bis(carboxy)-terminated**機能性ポリマー**

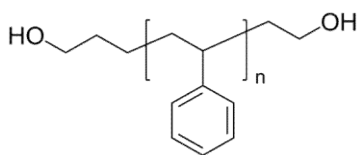
Poly(styrene), end-functionalized



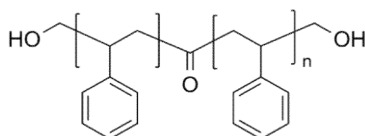
P18017-S2COOH	$M_n \times 10^3 : 1$	$M_w/M_n : 1.5$	1g
P11386A-S2COOH	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.3$	1g
P18023-S2COOH	$M_n \times 10^3 : 1.3$	$M_w/M_n : 1.5$	1g
P11386-S2COOH	$M_n \times 10^3 : 1.5$	$M_w/M_n : 1.3$	1g
P18022A-S2COOH	$M_n \times 10^3 : 1.5$	$M_w/M_n : 1.5$	1g
P18022-S2COOH	$M_n \times 10^3 : 2$	$M_w/M_n : 1.5$	1g
P8048-S2COOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.1$	1g
P2752-S2COOH	$M_n \times 10^3 : 4.5$	$M_w/M_n : 1.12$	1g
P2751-S2COOH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.12$	1g
P4573-S2COOH	$M_n \times 10^3 : 8$	$M_w/M_n : 1.09$	1g
P8047-S2COOH	$M_n \times 10^3 : 9$	$M_w/M_n : 1.1$	1g
P1533-S2COOH	$M_n \times 10^3 : 12.7$	$M_w/M_n : 1.2$	1g
P8888-S2COOH	$M_n \times 10^3 : 14.6$	$M_w/M_n : 1.1$	1g
P8886-S2COOH	$M_n \times 10^3 : 19$	$M_w/M_n : 1.25$	1g
P422-S2COOH	$M_n \times 10^3 : 51.7$	$M_w/M_n : 1.08$	1g
P4310-S2COOH	$M_n \times 10^3 : 54$	$M_w/M_n : 1.15$	1g
P4308-S2COOH	$M_n \times 10^3 : 55$	$M_w/M_n : 1.1$	1g
P4307-S2COOH	$M_n \times 10^3 : 90$	$M_w/M_n : 1.25$	1g
P423-S2COOH	$M_n \times 10^3 : 93.8$	$M_w/M_n : 1.07$	1g
P4311-S2COOH	$M_n \times 10^3 : 99$	$M_w/M_n : 1.1$	1g
P4309-S2COOH	$M_n \times 10^3 : 120$	$M_w/M_n : 1.1$	1g

Poly(styrene), α,ω -bis(hydroxy)-terminated 機能性ポリマー **Poly(styrene), α,ω -bis(hydroxy)-terminated**See also Categories: Poly(styrene), α,ω -bis(hydroxy)-terminated, with styrene dimer OR α -methylstyrene dimer OR dialkyl benzene OR carbonyl group in center of polymer chain.

OR dialkyl benzene OR carbonyl group in center of polymer chain.



P19876-S2OH	$M_n \times 10^3 : 7$	$M_w/M_n : 1.3$	1g
P19875-S2OH	$M_n \times 10^3 : 7.5$	$M_w/M_n : 1.16$	1g
P18703-S2OH	$M_n \times 10^3 : 9.5$	$M_w/M_n : 1.1$	1g
P18704-S2OH	$M_n \times 10^3 : 12$	$M_w/M_n : 1.1$	1g
P18705A-S2OH	$M_n \times 10^3 : 14$	$M_w/M_n : 1.1$	1g
P18073-S2OH	$M_n \times 10^3 : 69$	$M_w/M_n : 1.6$	1g
P18108-S2OH	$M_n \times 10^3 : 138.5$	$M_w/M_n : 1.8$	1g
P18109-S2OH	$M_n \times 10^3 : 428.5$	$M_w/M_n : 1.18$	1g
P18074-S2OH	$M_n \times 10^3 : 456$	$M_w/M_n : 1.06$	1g
P18075-S2OH	$M_n \times 10^3 : 990$	$M_w/M_n : 1.15$	1g
P18098-S2OH	$M_n \times 10^3 : 1,341$	$M_w/M_n : 1.09$	1g
P18085-S2OH	$M_n \times 10^3 : 1,697$	$M_w/M_n : 1.2$	1g

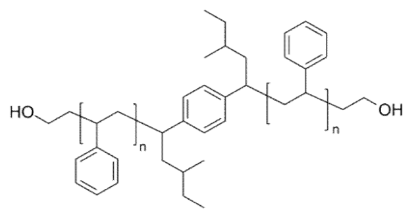
Poly(styrene), α,ω -bis(hydroxy)-terminated, with carbonyl group in center of polymer chain 機能性ポリマーPoly(styrene), α,ω -bis(hydroxy)-terminatedSee also Categories: Poly(styrene), α,ω -bis(hydroxy)-terminated, without central group OR with styrene dimer OR α -methylstyrene dimer OR dialkyl-benzene group in center of polymer chain.

P4155-HOSCOSOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.1$	1g
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Poly(styrene), α,ω -bis(hydroxy)-terminated, with dialkyl-benzene group in center of polymer chain 機能性ポリマー

See also Categories: Poly(styrene), α,ω -bis(hydroxy)-terminated, without central group OR with styrene dimer OR α -methylstyrene dimer OR carbonyl group in center of polymer chain.

Poly(styrene), α,ω -bis(hydroxy)-terminated

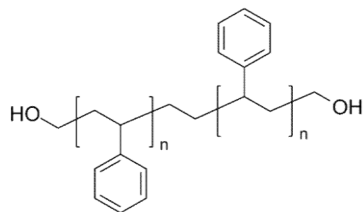


P1098-S2OH	$M_n \times 10^3$: 11.5	Mw/Mn : 1.25	1g
P1233-S2OH	$M_n \times 10^3$: 36.8	Mw/Mn : 1.05	1g

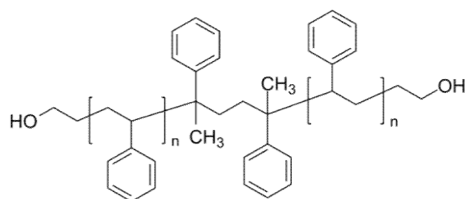
Poly(styrene), α,ω -bis(hydroxy)-terminated, with styrene dimer in center of polymer chain 機能性ポリマー

See also Categories: Poly(styrene), α,ω -bis(hydroxy)-terminated, without central group OR with α -methylstyrene dimer OR dialkyl benzene OR carbonyl group in center of polymer chain.

Poly(styrene), α,ω -bis(hydroxy)-terminated



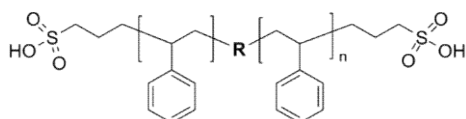
P4577-S2OH	$M_n \times 10^3$: 1	Mw/Mn : 1.4	1g
P4575-S2OH	$M_n \times 10^3$: 1.9	Mw/Mn : 1.2	f(OH) > 99% 1g
P1087-S2OH	$M_n \times 10^3$: 2.1	Mw/Mn : 1.14	1g
P19897-S2OH	$M_n \times 10^3$: 2.4	Mw/Mn : 1.2	f(OH) > 99% 1g
P19889-S2OH	$M_n \times 10^3$: 3.5	Mw/Mn : 1.14	f(OH) > 98% 1g
P499-S2OH	$M_n \times 10^3$: 4.8	Mw/Mn : 1.5	f(OH) > 95% 1g
P19888-S2OH	$M_n \times 10^3$: 5	Mw/Mn : 1.2	f(OH) > 98% 1g
P4574-S2OH	$M_n \times 10^3$: 6	Mw/Mn : 1.1	1g
P18062-S2OH	$M_n \times 10^3$: 362	Mw/Mn : 1.7	1g
P5087-S2OH	$M_n \times 10^3$: 650	Mw/Mn : 1.4	f(OH) > 90% 1g
P18072-S2OH	$M_n \times 10^3$: 1,900	Mw/Mn : 1.15	1g

Poly(styrene), α,ω -bis(hydroxy)-terminated, with α -methylstyrene dimer in center of polymer chain 機能性ポリマーPoly(styrene), α,ω -bis(hydroxy)-terminated

P4578-S2OH	$M_n \times 10^3$: 1.1	Mw/Mn : 1.25	1g
P4579-S2OH	$M_n \times 10^3$: 1.3	Mw/Mn : 1.2	1g
P5311-S2OH	$M_n \times 10^3$: 2.2	Mw/Mn : 1.4	1g
P5307-S2OH	$M_n \times 10^3$: 2.8	Mw/Mn : 1.45	1g
P8951-S2OH	$M_n \times 10^3$: 2.9	Mw/Mn : 1.3	1g
P5306-S2OH	$M_n \times 10^3$: 3	Mw/Mn : 1.8	1g
P8952-S2OH	$M_n \times 10^3$: 4.7	Mw/Mn : 1.4	1g
P8947-S2OH	$M_n \times 10^3$: 5	Mw/Mn : 1.5	1g
P1085-S2OH	$M_n \times 10^3$: 5.5	Mw/Mn : 1.4	1g
P1467-S2OH	$M_n \times 10^3$: 6	Mw/Mn : 1.18	1g
P1468-S2OH	$M_n \times 10^3$: 6.2	Mw/Mn : 1.1	1g
P1102-S2OH	$M_n \times 10^3$: 7.5	Mw/Mn : 1.3	1g
P1088-S2OH	$M_n \times 10^3$: 8	Mw/Mn : 1.16	1g
P1092-S2OH	$M_n \times 10^3$: 8	Mw/Mn : 1.2	1g
P1103-S2OH	$M_n \times 10^3$: 8.5	Mw/Mn : 1.07	1g
P1466-S2OH	$M_n \times 10^3$: 10.7	Mw/Mn : 1.07	1g
P8950-S2OH	$M_n \times 10^3$: 11	Mw/Mn : 1.3	1g
P8948-S2OH	$M_n \times 10^3$: 12	Mw/Mn : 1.3	1g
P1132-S2OH	$M_n \times 10^3$: 54.5	Mw/Mn : 1.06	1g
P5103-S2OH	$M_n \times 10^3$: 390	Mw/Mn : 1.4	1g
P5086-S2OH	$M_n \times 10^3$: 390	Mw/Mn : 1.8	1g
P5091-S2OH	$M_n \times 10^3$: 400	Mw/Mn : 1.12	1g
P5085-S2OH	$M_n \times 10^3$: 425	Mw/Mn : 3.4	1g
P5088-S2OH	$M_n \times 10^3$: 800	Mw/Mn : 1.15	1g
P5090-S2OH	$M_n \times 10^3$: 1,990	Mw/Mn : 1.25	1g

Poly(styrene), α,ω -bis(sulfonic acid)-terminated 機能性ポリマー

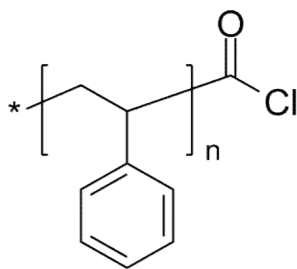
Poly(styrene), end-functionalized



Synponym: disulfonyl-terminated polystyrene.

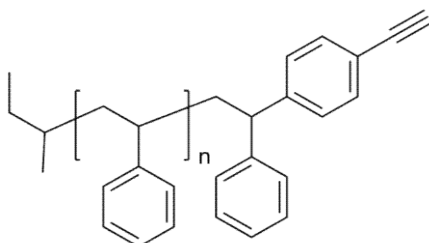
P1605-S2SO3H	$M_n \times 10^3$: 190.7	Mw/Mn : 1.12	1g
P1610-S2SO3H	$M_n \times 10^3$: 317	Mw/Mn : 1.11	1g
P1602-S2SO3H	$M_n \times 10^3$: 688.5	Mw/Mn : 1.12	1g

Poly(styrene), ω -acylchloride-terminated 機能性ポリマー
Polystyrenes, functionalized



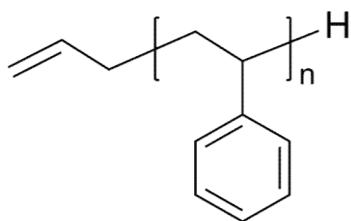
P1067-SCOCl	$M_n \times 10^3$: 1.8	M_w/M_n : 1.13		1g
P18909B-SCOCl	$M_n \times 10^3$: 2.3	M_w/M_n : 1.1	$\bar{P}=98\%$	1g

Poly(styrene), ω -alkyne-terminated 機能性ポリマー
Poly(styrene), end-functionalized



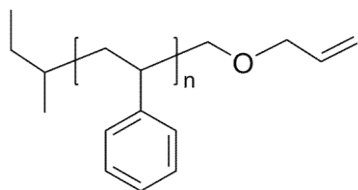
P18723-S-Alkyne	$M_n \times 10^3$: 14	M_w/M_n : 1.15		1g
P19075-S-Alkyne	$M_n \times 10^3$: 104	M_w/M_n : 1.18		1g
P40217-S-Alkyne	$M_n \times 10^3$: 128.5	M_w/M_n : 1.04		1g

新製品: Poly(styrene), α -allyl-terminated 機能性ポリマー
Poly(styrene), allyl-terminated



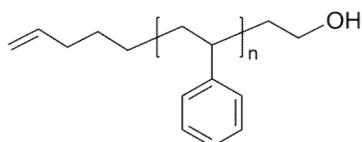
P42266-S-allyl	$M_n \times 10^3$: 106	M_w/M_n : 1.12		1g
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新製品 : Poly(styrene), ω -allyl-terminated 機能性ポリマー
Poly(styrene), allyl-terminated



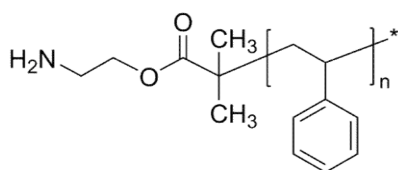
P42266-S-allyl	$M_n \times 10^3$: 2500	M_w/M_n : 1.04	1g
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Poly(styrene), (α -allyl, ω -hydroxy)-terminated 機能性ポリマー
Poly(styrene), allyl-terminated



P41504-S-allylOH	$M_n \times 10^3$: 22	M_w/M_n : 1.19	1g
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新製品 : Poly(styrene), α -amino-terminated 機能性ポリマー
Poly(styrene), amino-terminated

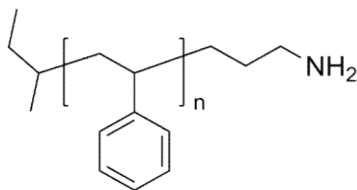


P41940-SNH2	$M_n \times 10^3$: 4000	M_w/M_n : 1.1	1g
P41935-SNH2	$M_n \times 10^3$: 10,500	M_w/M_n : 1.08	1g

Poly(styrene), ω -amino-terminated (no silane or amide linkage)

機能性ポリマー

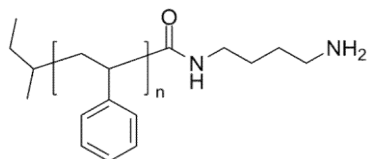
Poly(styrene), amino-terminated



P19087-SNH2	$M_n \times 10^3$: 1	Mw/Mn : 1.3		1g
P18806-SNH2	$M_n \times 10^3$: 1.5	Mw/Mn : 1.16		1g
P40302-SNH2	$M_n \times 10^3$: 2.5	Mw/Mn : 1.11		1g
P40055-SNH2	$M_n \times 10^3$: 5.5	Mw/Mn : 1.15		1g
P11123-SNH2	$M_n \times 10^3$: 9	Mw/Mn : 1.45		1g
P3965-SNH2	$M_n \times 10^3$: 9.5	Mw/Mn : 1.16		1g
P3695-SNH2	$M_n \times 10^3$: 10	Mw/Mn : 1.2		1g
P4060-SNH2	$M_n \times 10^3$: 13	Mw/Mn : 1.2		1g
P4045-SNH2	$M_n \times 10^3$: 13	Mw/Mn : 1.3		1g
P11123A-SNH2	$M_n \times 10^3$: 15	Mw/Mn : 1.35		1g
P11124D-SNH2	$M_n \times 10^3$: 17	Mw/Mn : 1.2		1g
P19596-SNH2	$M_n \times 10^3$: 19.5	Mw/Mn : 1.06		1g
P11123C-SNH2	$M_n \times 10^3$: 21	Mw/Mn : 1.4		1g
P3694-SNH2	$M_n \times 10^3$: 25	Mw/Mn : 1.25		1g
P3700-SNH2	$M_n \times 10^3$: 25	Mw/Mn : 1.04	LIMITED QTY	1g
P4048-SNH2	$M_n \times 10^3$: 28	Mw/Mn : 1.9		1g
P11123B-SNH2	$M_n \times 10^3$: 29	Mw/Mn : 1.28		1g
P3702-SNH2	$M_n \times 10^3$: 32	Mw/Mn : 1.04		1g
P4034-SNH2	$M_n \times 10^3$: 37	Mw/Mn : 3.5		1g
P10458-SNH2	$M_n \times 10^3$: 40	Mw/Mn : 1.06		1g
P10457-SNH2	$M_n \times 10^3$: 46	Mw/Mn : 1.07		1g
P4049-SNH2	$M_n \times 10^3$: 85	Mw/Mn : 2.5		1g
P10460-SNH2	$M_n \times 10^3$: 108	Mw/Mn : 1.12		1g
P6058-SNH2	$M_n \times 10^3$: 120	Mw/Mn : 1.04		1g
P3736-SNH2	$M_n \times 10^3$: 300.5	Mw/Mn : 1.18		1g
P11124C-SNH2	$M_n \times 10^3$: 350	Mw/Mn : 1.25		1g
P10459-SNH2	$M_n \times 10^3$: 480	Mw/Mn : 1.4		1g
P11124-SNH2	$M_n \times 10^3$: 680	Mw/Mn : 1.3		1g
P11124A-SNH2	$M_n \times 10^3$: 720	Mw/Mn : 1.28		1g
P4029-SNH2	$M_n \times 10^3$: 957	Mw/Mn : 3.6		1g
P1832-SNH2	$M_n \times 10^3$: 4,600	Mw/Mn : 2.1		1g

Poly(styrene), ω -amino-terminated (via amide linkage) 機能性ポリマー

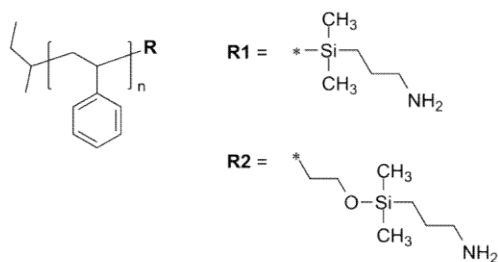
Poly(styrene), amino-terminated



P18874B-SNH2	$M_n \times 10^3$: 2.3	M_w/M_n : 1.25	$\bar{\alpha}$ > 0.98	1g
P18058C-SNH2	$M_n \times 10^3$: 2.6	M_w/M_n : 1.1		1g
P5147-SNH2	$M_n \times 10^3$: 2.8	M_w/M_n : 1.3	$\bar{\alpha}$ > 0.98	1g
P5143-SNH2	$M_n \times 10^3$: 5	M_w/M_n : 1.17	$\bar{\alpha}$ > 0.98	1g
P10549A-SNH2	$M_n \times 10^3$: 9	M_w/M_n : 1.12		1g

Poly(styrene), ω -amino-terminated (via silane linkage) 機能性ポリマー

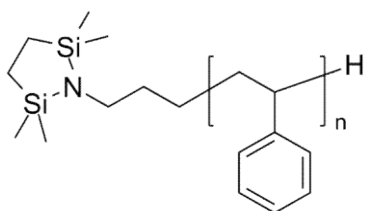
Poly(styrene), amino-terminated



P4502-SNH2	$M_n \times 10^3$: 2.5	M_w/M_n : 1.1	R2	1g
P40054-SNH2	$M_n \times 10^3$: 2.5	M_w/M_n : 1.15	R1	1g
P3956-SNH2	$M_n \times 10^3$: 11	M_w/M_n : 1.07	R1	1g
P1488-SNH2	$M_n \times 10^3$: 12	M_w/M_n : 1.02	R1	1g
P1486-SNH2	$M_n \times 10^3$: 17.3	M_w/M_n : 1.03	R1	1g

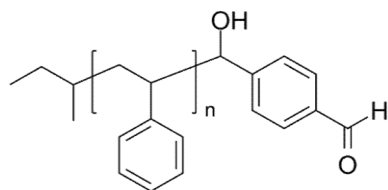
Poly(styrene), α -amino-terminated, protected end-group 機能性ポリマー

Poly(styrene), end-functionalized



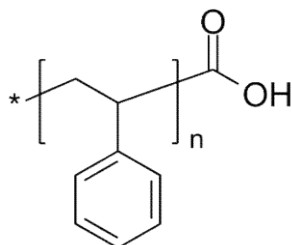
P4063-SiNPS	$M_n \times 10^3$: 2.7	M_w/M_n : 1.34		1g
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Poly(styrene), ω -(benzaldehyde)-terminated 機能性ポリマー
Poly(styrene), aldehyde-terminated



P18911-SCHO	$M_n \times 10^3$: 18	M_w/M_n : 1.18	$f > 90\%$	1g
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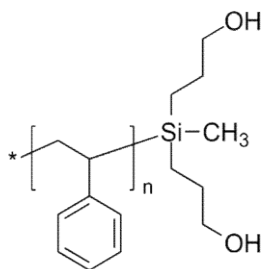
Poly(styrene), ω -carboxy-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P2827-SCOOH	$M_n \times 10^3$: 0.9	M_w/M_n : 1.5	1g
P3746-SCOOH	$M_n \times 10^3$: 1.3	M_w/M_n : 1.9	1g
P18083-SCOOH	$M_n \times 10^3$: 1.4	M_w/M_n : 1.13	1g
P19288-SCOOH	$M_n \times 10^3$: 2.3	M_w/M_n : 1.06	1g
P18071-SCOOH	$M_n \times 10^3$: 2.6	M_w/M_n : 1.13	1g
P18735-SCOOH	$M_n \times 10^3$: 2.8	M_w/M_n : 1.06	1g
P3740-SCOOH	$M_n \times 10^3$: 3	M_w/M_n : 1.4	1g
P19290-SCOOH	$M_n \times 10^3$: 3	M_w/M_n : 1.05	1g
P19291-SCOOH	$M_n \times 10^3$: 4	M_w/M_n : 1.1	1g
P2334-SCOOH	$M_n \times 10^3$: 4.2	M_w/M_n : 1.2	1g
P3739-SCOOH	$M_n \times 10^3$: 4.7	M_w/M_n : 1.09	1g
P18042-SCOOH	$M_n \times 10^3$: 4.8	M_w/M_n : 1.13	1g
P18049-SCOOH	$M_n \times 10^3$: 5.3	M_w/M_n : 1.04	1g
P11330-SCOOH	$M_n \times 10^3$: 5.5	M_w/M_n : 1.08	1g
P2048-SCOOH	$M_n \times 10^3$: 6	M_w/M_n : 1.11	1g
P2047-SCOOH	$M_n \times 10^3$: 6.5	M_w/M_n : 1.13	1g
P10550-SCOOH	$M_n \times 10^3$: 9.7	M_w/M_n : 1.08	1g
P18873-SCOOH	$M_n \times 10^3$: 10	M_w/M_n : 1.45	1g
P3948-SCOOH	$M_n \times 10^3$: 10	M_w/M_n : 1.07	1g
P18872-SCOOH	$M_n \times 10^3$: 10.5	M_w/M_n : 1.15	1g
P3949-SCOOH	$M_n \times 10^3$: 16.5	M_w/M_n : 1.06	1g
P2824-SCOOH	$M_n \times 10^3$: 48	M_w/M_n : 1.05	1g
P8170-SCOOH	$M_n \times 10^3$: 70	M_w/M_n : 1.09	1g
P8172-SCOOH	$M_n \times 10^3$: 96	M_w/M_n : 1.07	1g
P19413-SCOOH	$M_n \times 10^3$: 524	M_w/M_n : 1.23	1g

Poly(styrene), ω -(dihydroxy [via silane])-terminated 機能性ポリマー

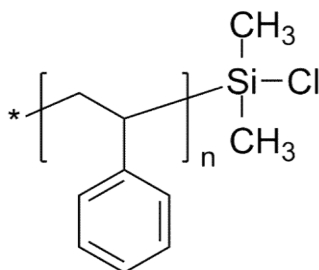
Poly(styrene), end-functionalized



P3723B-S2OH	$M_n \times 10^3$: 10.1	M_w/M_n : 1.05	0.5g
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Poly(styrene), ω -dimethylchlorosilyl-terminated 機能性ポリマー

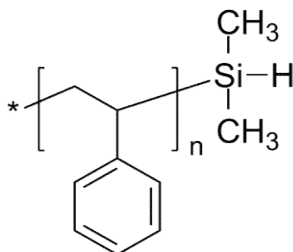
Poly(styrene), end-functionalized



P5812-SSiCl	$M_n \times 10^3$: 1.8	M_w/M_n : 1.09	1g
P40019-SSiCl	$M_n \times 10^3$: 3.5	M_w/M_n : 1.04	1g
P40018-SSiCl	$M_n \times 10^3$: 6	M_w/M_n : 1.04	1g
P9532-SSiCl	$M_n \times 10^3$: 8	M_w/M_n : 1.06	1g
P40020-SSiCl	$M_n \times 10^3$: 9.5	M_w/M_n : 1.03	1g
P3881-SSiCl	$M_n \times 10^3$: 26.5	M_w/M_n : 1.06	1g
P3851-SSiCl	$M_n \times 10^3$: 107.5	M_w/M_n : 1.1	1g
P3571-SSiCl	$M_n \times 10^3$: 130	M_w/M_n : 1.07	1g

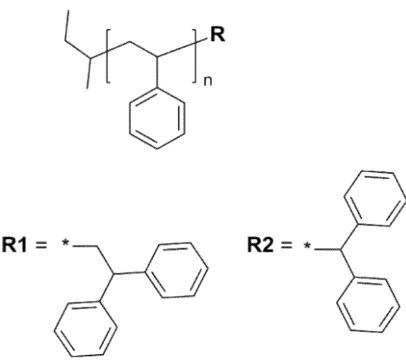
Poly(styrene), ω -dimethylsilyl-terminate 機能性ポリマー

Poly(styrene), end-functionalized



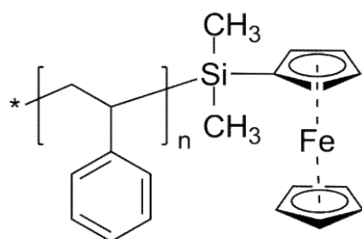
P1488-SSiH	$M_n \times 10^3$: 12	M_w/M_n : 1.02	1g
P1486-SSiH	$M_n \times 10^3$: 17.3	M_w/M_n : 1.03	1g
P4219-SSiH	$M_n \times 10^3$: 21.5	M_w/M_n : 1.04	1g
P4226-SSiH	$M_n \times 10^3$: 28	M_w/M_n : 1.05	1g
P4227-SSiH	$M_n \times 10^3$: 30	M_w/M_n : 1.05	1g

Poly(styrene), ω -diphenyl-terminated 機能性ポリマー
Poly(styrene), end-functionalized



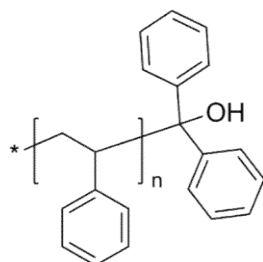
P18342-SDPE	Mn x 10 ³ : 7.3	Mw/Mn : 1.05	R1	1g
P2280-S	Mn x 10 ³ : 7.7	Mw/Mn : 1.08	R2	1g

Poly(styrene), ω -ferrocenyldimethylsilyl-terminated 機能性ポリマー
 Poly(styrene), end-functionalized



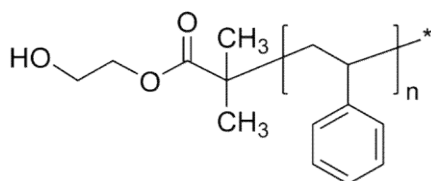
P8219-Sferro	$M_n \times 10^3$: 20	Mw/Mn : 1.1	1g
P9946A-Sferro	$M_n \times 10^3$: 20	Mw/Mn : 1.2	1g
P8208A-Sferro	$M_n \times 10^3$: 23	Mw/Mn : 1.08	1g
P8189-Sferro	$M_n \times 10^3$: 28	Mw/Mn : 1.05	1g
P10020-Sferro	$M_n \times 10^3$: 30	Mw/Mn : 1.15	1g
P8196-Sferro	$M_n \times 10^3$: 35	Mw/Mn : 1.09	1g
P4244-Sferro	$M_n \times 10^3$: 40	Mw/Mn : 1.07	1g
P8195-Sferro	$M_n \times 10^3$: 40	Mw/Mn : 1.09	1g
P8219A-Sferro	$M_n \times 10^3$: 40	Mw/Mn : 1.3	1g
P9949A-Sferro	$M_n \times 10^3$: 50	Mw/Mn : 1.2	1g
P8227-Sferro	$M_n \times 10^3$: 57	Mw/Mn : 1.06	1g
P9967B-Sferro	$M_n \times 10^3$: 65	Mw/Mn : 1.25	1g
P3531-SFerro	$M_n \times 10^3$: 68	Mw/Mn : 1.05	1g
P9964-SFerro	$M_n \times 10^3$: 70	Mw/Mn : 1.2	1g
P4241-Sferro	$M_n \times 10^3$: 85	Mw/Mn : 1.18	1g
P10029B-Sferro	$M_n \times 10^3$: 89	Mw/Mn : 1.2	1g
P3582B-Sferro	$M_n \times 10^3$: 92	Mw/Mn : 1.1	1g
P3563-SFerro	$M_n \times 10^3$: 96	Mw/Mn : 1.07	1g
P8228-Sferro	$M_n \times 10^3$: 99	Mw/Mn : 1.05	1g
P5108-SFerro	$M_n \times 10^3$: 102	Mw/Mn : 1.13	1g
P3539-SFerro	$M_n \times 10^3$: 118	Mw/Mn : 1.08	1g
P3561-SFerro	$M_n \times 10^3$: 118	Mw/Mn : 1.1	1g
P3538-SFerro	$M_n \times 10^3$: 130	Mw/Mn : 1.06	1g
P3537-SFerro	$M_n \times 10^3$: 190	Mw/Mn : 1.06	1g
P3517-SFerro	$M_n \times 10^3$: 200	Mw/Mn : 1.05	1g
P3515-SFerro	$M_n \times 10^3$: 250	Mw/Mn : 1.05	1g
P3522-SFerro	$M_n \times 10^3$: 270	Mw/Mn : 1.04	1g
P11020-Sferro	$M_n \times 10^3$: 300	Mw/Mn : 1.15	1g

Poly(styrene), ω -hydroxy [diphenylmethyl-ol]-terminated 機能性ポリマー
 Poly(styrene), ω -hydroxy-terminated



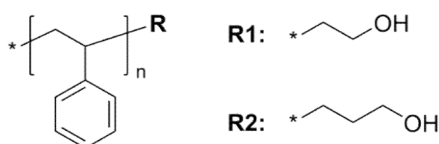
P8766-SOH	$M_n \times 10^3$: 32	Mw/Mn : 1.05	1g
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Poly(styrene), α -hydroxy-terminated 機能性ポリマー
Poly(styrene), end-functionalized



P20189-SOH	Mn x 10 ³ : 19.2	Mw/Mn : 1.13	1g
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Poly(styrene), ω -hydroxy-terminated 機能性ポリマー
Poly(styrene), ω -hydroxy-terminated



Comments: Functionality %

P4465-SOH	Mn x 10 ³ : 0.9	Mw/Mn : 1.13	R1	1g
P11121-SOH	Mn x 10 ³ : 1.2	Mw/Mn : 1.09	R1 >98%	1g
P2996-SOH	Mn x 10 ³ : 1.5	Mw/Mn : 1.1		1g
P5465-SOH	Mn x 10 ³ : 1.7	Mw/Mn : 1.15	R1 >99%	1g
P7497-SOH	Mn x 10 ³ : 1.7	Mw/Mn : 1.14	R1 >95%	1g
P19251-SOH	Mn x 10 ³ : 2	Mw/Mn : 1.07	R1 >98%	1g
P10979-SOH	Mn x 10 ³ : 2.2	Mw/Mn : 1.1	R1 >97%	1g
P11119-SOH	Mn x 10 ³ : 2.2	Mw/Mn : 1.06	R1 >98%	1g
P10869-SOH	Mn x 10 ³ : 2.3	Mw/Mn : 1.1		1g
P5463-SOH	Mn x 10 ³ : 2.7	Mw/Mn : 1.08	R1 >99%	1g
P2586-SOH	Mn x 10 ³ : 3.5	Mw/Mn : 1.4		1g
P18731-SOH	Mn x 10 ³ : 5	Mw/Mn : 1.09	R2 >99%	1g
P19237-SOH	Mn x 10 ³ : 5.2	Mw/Mn : 1.06	R1 >99%	1g
P10140-SOH	Mn x 10 ³ : 5.5	Mw/Mn : 1.09	R1 >80%	1g
P19239-SOH	Mn x 10 ³ : 5.6	Mw/Mn : 1.09	>98%	1g
P11116-SOH	Mn x 10 ³ : 6	Mw/Mn : 1.05	R1 >99%	1g
P8775-SOH	Mn x 10 ³ : 6	Mw/Mn : 1.07		1g
P8091-SOH	Mn x 10 ³ : 7	Mw/Mn : 1.1	R1 >95%	1g
P18845-SOH	Mn x 10 ³ : 8.5	Mw/Mn : 1.02	>98%	1g
P18847-SOH	Mn x 10 ³ : 9	Mw/Mn : 1.03	R1 >99%	1g
P19057-SOH	Mn x 10 ³ : 9	Mw/Mn : 1.25	R2	1g
P18848-SOH	Mn x 10 ³ : 9.5	Mw/Mn : 1.04	R1 >99%	1g
P18787-SOH	Mn x 10 ³ : 10	Mw/Mn : 1.09	R2 >98%	1g
P18787B-SOH	Mn x 10 ³ : 10	Mw/Mn : 1.14	R2	1g
P18788-SOH	Mn x 10 ³ : 10.5	Mw/Mn : 1.06	R1 >99%	1g

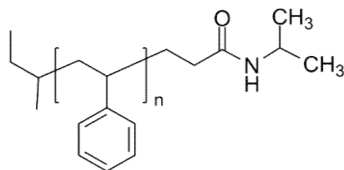
Poly(styrene), ω -hydroxy-terminated 次ページに続く

前ページからの続きPoly(styrene), ω-hydroxy-terminated

P40312-SOH	$M_n \times 10^3$: 11.5	Mw/Mn : 1.03		1g
P41524-SOH	$M_n \times 10^3$: 13	Mw/Mn : 1.01	R1	1g
P19011-SOH	$M_n \times 10^3$: 13.5	Mw/Mn : 1.07	R1 >99%	1g
P18875-SOH	$M_n \times 10^3$: 13.5	Mw/Mn : 1.08	R1 >99%	1g
P8089-SOH	$M_n \times 10^3$: 14	Mw/Mn : 1.09	R1 >95%	1g
P18876-SOH	$M_n \times 10^3$: 14	Mw/Mn : 1.06	R1 >98%	1g
P40314-SOH	$M_n \times 10^3$: 14	Mw/Mn : 1.03		1g
P13135-SOH	$M_n \times 10^3$: 16	Mw/Mn : 1.09	R1 >90%	1g
P8088-SOH	$M_n \times 10^3$: 17	Mw/Mn : 1.09	R1 >95%	1g
P8758-SOH	$M_n \times 10^3$: 19	Mw/Mn : 1.15	>90%	1g
P1906-SOH	$M_n \times 10^3$: 19	Mw/Mn : 1.06		1g
P9022-SOH	$M_n \times 10^3$: 22	Mw/Mn : 1.06	R1 >95%	1g
P5338-SOH	$M_n \times 10^3$: 24	Mw/Mn : 1.4		1g
P4715-SOH	$M_n \times 10^3$: 32	Mw/Mn : 1.1	R1 >95%	1g
P4410-SOH	$M_n \times 10^3$: 36	Mw/Mn : 1.1	R1 >90%	1g
P4728-SOH	$M_n \times 10^3$: 36	Mw/Mn : 1.06	R1 >90%	1g
P4716-SOH	$M_n \times 10^3$: 38	Mw/Mn : 1.09	R1 >95%	1g
P4385-SOH	$M_n \times 10^3$: 42	Mw/Mn : 1.03	R1 >90%	1g
P4730-SOH	$M_n \times 10^3$: 50	Mw/Mn : 1.06	R1 >90%	1g
P1609-SOH	$M_n \times 10^3$: 51	Mw/Mn : 1.03	R1 >90%	1g
P9660-SOH	$M_n \times 10^3$: 59	Mw/Mn : 1.06	R1 >98%	1g
P5337-SOH	$M_n \times 10^3$: 60	Mw/Mn : 1.5		1g
P4389-SOH	$M_n \times 10^3$: 60	Mw/Mn : 1.08		1g
P9071-SOH	$M_n \times 10^3$: 65	Mw/Mn : 1.2	R1 >95%	1g
P8767-SOH	$M_n \times 10^3$: 65	Mw/Mn : 1.09		1g
P9074-SOH	$M_n \times 10^3$: 73	Mw/Mn : 1.05	R1 >95%	1g
P4388-SOH	$M_n \times 10^3$: 130	Mw/Mn : 1.07	R1 >85%	1g
P5339-SOH	$M_n \times 10^3$: 320	Mw/Mn : 1.5		1g
P18097-SOH	$M_n \times 10^3$: 1,700	Mw/Mn : 1.25		1g

Poly(styrene), ω-(N-isopropylacrylamide)-terminated 機能性ポリマー

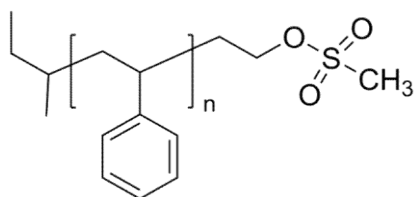
Poly(styrene), end-functionalized



P41090-S-NiPAM	$M_n \times 10^3$: 562	Mw/Mn : 1.07		1g
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Poly(styrene), ω -mesylate-terminated 機能性ポリマー

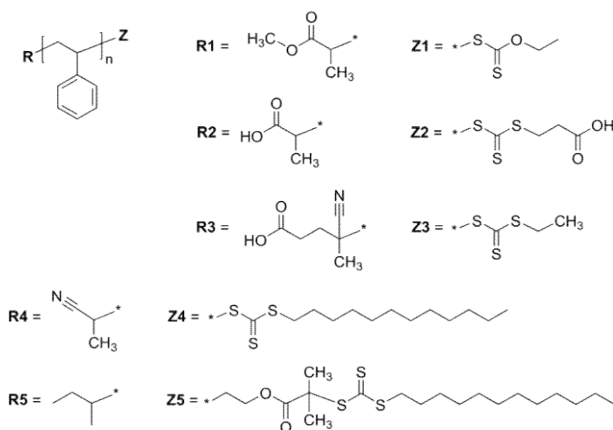
Poly(styrene), end-functionalized



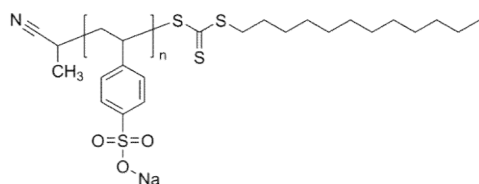
P5463-Smesylate	Mn x 10 ³ : 2.7	Mw/Mn : 1.1	lg
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Poly(styrene), ω -RAFT-terminated 機能性ポリマー

RAFT agents (macroinitiators)



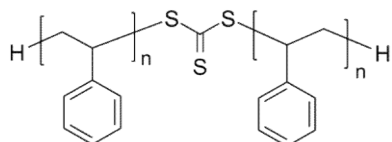
P16281-SRAFT	$M_n \times 10^3$: 2.7	Mw/Mn: 1.28	R3, Z3	1g
P16282-SRAFT	$M_n \times 10^3$: 5	Mw/Mn: 1.14	R3, Z3	1g
P60091-SRAFT	$M_n \times 10^3$: 7	Mw/Mn: 1.09	R4, Z4	1g
P16418A-SRAFT	$M_n \times 10^3$: 9.5	Mw/Mn: 1.1	R4, Z4	1g
P41656-SRAFT	$M_n \times 10^3$: 11	Mw/Mn: 1.06	R5, Z5	1g
P16339A-SRAFT	$M_n \times 10^3$: 16.5	Mw/Mn: 1.11	R2, Z2	1g
P41101-SRAFT	$M_n \times 10^3$: 53	Mw/Mn: 1.4	R1, Z1	1g

新製品 : Poly(styrene sulfonic acid sodium salt), ω -RAFT-terminated 機能性ポリマー

P41927-SSO3Na-RAFT	Mn x 10 ³ : 1.8	Mw/Mn : 1.2	1g
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Poly(styrene) with trithiocarbonate (RAFT moiety) in center 機能性ポリマー

RAFT agents (macroinitiators)

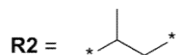
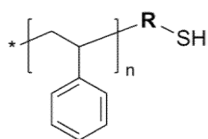


P16296D-S-RAFT-S	Mn x 10 ³ : 5.5	Mw/Mn : 1.07	1g
P16292-S-RAFT-S	Mn x 10 ³ : 6	Mw/Mn : 1.06	1g
P16296-S-RAFT-S	Mn x 10 ³ : 7	Mw/Mn : 1.04	1g
P16296B-S-RAFT-S	Mn x 10 ³ : 7	Mw/Mn : 1.04	1g
P16296A-S-RAFT-S	Mn x 10 ³ : 7.5	Mw/Mn : 1.04	1g

Poly(styrene), ω -thiol-terminated

機能性ポリマー

Poly(styrene), thiol-terminated



* Terminated with Propylene sulfide PS-CH(CH₃)CH₂SSH

Exposure of thiol-terminated polymers to air and light results in non-controlled dimerization (formation of polymer with disulfide group in center). We check each lot before shipping to confirm end-group termination (which may result in a few days delay). The shelf-life of thiol-terminated polymers is guaranteed for 3-5 weeks may be delayed for this reason).

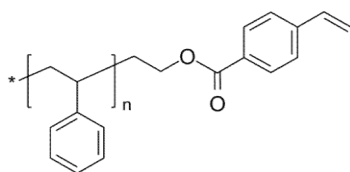
after shipping. The polymer must be stored under inert atmosphere and low temperature.

P18811-SSH	Mn x 10 ³ : 0.7	Mw/Mn : 1.1	R2; f>95%	1g
P18808-SSH	Mn x 10 ³ : 0.8	Mw/Mn : 1.1	R2; f>95%	1g
P40778-SSH	Mn x 10 ³ : 1.5	Mw/Mn : 1.15	R2; f>98%	1g
P4421-SSH	Mn x 10 ³ : 1.8	Mw/Mn : 1.4	R1; f>98%	1g
P10826A-SSH	Mn x 10 ³ : 2	Mw/Mn : 1.35	R1; f>95%	1g
P4431-SSH	Mn x 10 ³ : 2	Mw/Mn : 1.15	R1; f>95%	1g
P18812-SSH	Mn x 10 ³ : 2.5	Mw/Mn : 1.05	R2; f>95%	1g
P4422-SSH	Mn x 10 ³ : 2.5	Mw/Mn : 1.05	R1; f>60%	1g
P18814-SSH	Mn x 10 ³ : 3	Mw/Mn : 1.13	R2; f>95%	1g
P8665-SSH	Mn x 10 ³ : 3	Mw/Mn : 1.07	R1; f>99%	1g
P10826-SSH	Mn x 10 ³ : 3.8	Mw/Mn : 1.4	R1; f>95%	1g
P4429-SSH	Mn x 10 ³ : 5	Mw/Mn : 1.4	R1; f>95%	1g
P4430-SSH	Mn x 10 ³ : 5.3	Mw/Mn : 1.1	R1; f>95%	1g
P4428-SSH	Mn x 10 ³ : 6.5	Mw/Mn : 1.18	R1; f>95%	1g
P8724-SSH	Mn x 10 ³ : 11.5	Mw/Mn : 1.08	R1; f>95%	1g
P8725-SSH	Mn x 10 ³ : 12	Mw/Mn : 1.09	R1; f>95%	1g
P8659-SSH	Mn x 10 ³ : 20	Mw/Mn : 1.07	LIMITED QTY	1g
P42118-SSH	Mn x 10 ³ : 22	Mw/Mn : 1.01	R1; f>95%	1g
P8661-SSH	Mn x 10 ³ : 25	Mw/Mn : 1.07	R1; f>90%	1g
P8660-SSH	Mn x 10 ³ : 29	Mw/Mn : 1.08	R1; f>90%	1g
P42100B-SSH	Mn x 10 ³ : 31	Mw/Mn : 1.01	R1; f>95%	1g
P42100-SSH	Mn x 10 ³ : 38	Mw/Mn : 1.11	R1; f>95%	1g
P41862-SSH	Mn x 10 ³ : 47.5	Mw/Mn : 1.03	R2; f>98%	1g
P41869-SSH	Mn x 10 ³ : 50	Mw/Mn : 1.01	R1; f>90%	1g
P42100A-SSH	Mn x 10 ³ : 51	Mw/Mn : 1.07	R1; f>90%	1g
P41358-SSH	Mn x 10 ³ : 62.5	Mw/Mn : 1.02	R2; f>98%	1g
P40709-SSH	Mn x 10 ³ : 104.5	Mw/Mn : 1.11	R2; f>90%	1g
P40733-SSH	Mn x 10 ³ : 150	Mw/Mn : 1.15	R2; f>90%	1g
P40725-SSH	Mn x 10 ³ : 201	Mw/Mn : 1.19	R2; f>90%	1g
P40721-SSH	Mn x 10 ³ : 223	Mw/Mn : 1.11	R2; f>90%	1g
P40722-SSH	Mn x 10 ³ : 429	Mw/Mn : 1.3	R2; f>90%	1g

Poly(styrene), ω -vinyl-terminated

機能性ポリマー

Poly(styrene), end-functionalized

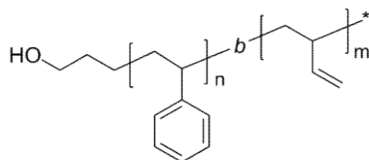


P7587-Svinyl	$M_n \times 10^3$: 1.1	Mw/Mn: 1.12	f= 90%	1g
P6665-Svinyl	$M_n \times 10^3$: 1.7	Mw/Mn: 1.14	f=95%	1g
P7588-Svinyl	$M_n \times 10^3$: 2.4	Mw/Mn: 1.09	f=90%	1g
P7589-Svinyl	$M_n \times 10^3$: 5	Mw/Mn: 1.07	f=20%	1g
P7592-Svinyl	$M_n \times 10^3$: 10	Mw/Mn: 1.08	f=40%	1g
P2033-SVinyl	$M_n \times 10^3$: 19.1	Mw/Mn: 1.03	f=70%	1g

Poly(styrene)-b-poly(1,2-butadiene), α -hydroxy-terminated

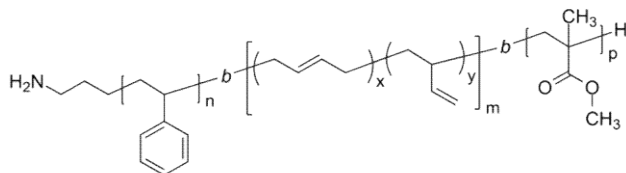
機能性ブロックコポリマー

Functionalized Diblock Copolymer



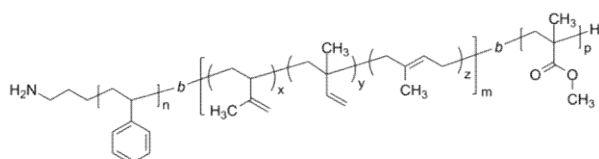
P4146-HOSBd	Mn x 10 ³ : 4.5-b-2.5	Mw/Mn : 1.08	lg
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Poly(styrene)-b-poly(1,2-butadiene-co-1,4-butadiene)-b-poly(methyl methacrylate), α -amino-terminated
機能性トリブロックコポリマー



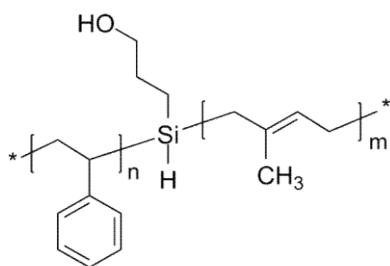
P11127A-NH2-SBdMMA	$M_n \times 10^3$: 21-b-10-b-30	M_w/M_n : 1.25	1g
P11127F3-NH2-SBdMMA	$M_n \times 10^3$: 21-b-10-b-38	M_w/M_n : 1.35	1g
P11134-NH2-SBdMMA	$M_n \times 10^3$: 28-b-9-b-49	M_w/M_n : 1.45	1g
P11135B-NH2-SBdMMA	$M_n \times 10^3$: 30-b-14-b-11	M_w/M_n : 1.25	1g
P11135-NH2-SBdMMA	$M_n \times 10^3$: 30-b-14-b-172	M_w/M_n : 1.2	1g
P11135C-NH2-SBdMMA	$M_n \times 10^3$: 30-b-14-b-1,100	M_w/M_n : 1.2	1g
P11138M-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-26	M_w/M_n : 1.6	1g
P11138D-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-30	M_w/M_n : 1.2	1g
P11138P-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-72	M_w/M_n : 1.45	1g
P11138A-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-90	M_w/M_n : 1.34	1g
P11138X-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-90	M_w/M_n : 1.25	1g
P11138B-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-112	M_w/M_n : 1.35	1g
P11138R-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-112	M_w/M_n : 1.25	1g
P11138O-NH2-SBdMMA	$M_n \times 10^3$: 35-b-13-b-120	M_w/M_n : 1.25	1g

Poly(styrene)-b-poly(1,2-isoprene-co-1,4-isoprene)-b-poly(methyl methacrylate), α -amino-terminated
機能性トリブロックコポリマー
 Functionalized Triblock Copolymer



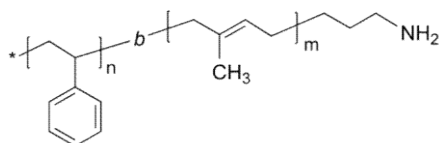
P11171-NH2-SIpMMA	$M_n \times 10^3$: 30-b-2-b-85	M_w/M_n : 1.45	1g
P11174A-NH2-SIpMMA	$M_n \times 10^3$: 50-b-1-b-244	M_w/M_n : 1.15	1g
P11183-NH2-SIpMMA	$M_n \times 10^3$: 56-b-26-b-212	M_w/M_n : 1.28	1g
P11183C-NH2-SIpMMA	$M_n \times 10^3$: 56-b-26-b-220	M_w/M_n : 1.38	1g
P11183B-NH2-SIpMMA	$M_n \times 10^3$: 56-b-26-b-256	M_w/M_n : 1.28	1g
P11183E-NH2-SIpMMA	$M_n \times 10^3$: 56-b-26-b-270	M_w/M_n : 1.58	1g
P11142AB-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-6	M_w/M_n : 1.45	1g
P11180-NH2-SIpMMA	$M_n \times 10^3$: 60-b-1-b-234	M_w/M_n : 1.25	1g
P11142F-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-313	M_w/M_n : 1.34	1g
P11142G-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-393	M_w/M_n : 1.15	1g
P11142D-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-395	M_w/M_n : 1.19	1g
P11142H-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-475	M_w/M_n : 1.1	1g
P11142E-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-475	M_w/M_n : 1.1	1g
P11142C-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-505	M_w/M_n : 1.05	1g
P11142B-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-613	M_w/M_n : 1.16	1g
P11142A-NH2-SIpMMA	$M_n \times 10^3$: 60-b-25-b-615	M_w/M_n : 1.18	1g

Poly(styrene)-b-poly(1,4-isoprene), with carbinol group at the block junction **機能性ブロックコポリマー**
 Poly(styrene)-b-poly(isoprene), functionalized



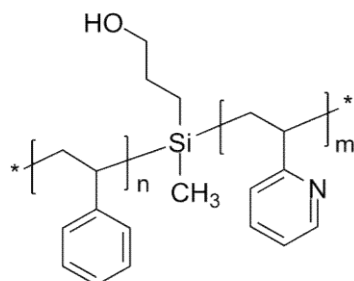
P3745-S(OH)Ip	$M_n \times 10^3$: 7-b-10.5	M_w/M_n : 1.1	0.5g
P3723A-S(OH)Ip	$M_n \times 10^3$: 10-b-7.5	M_w/M_n : 1.1	0.5g

Poly(styrene)-b-poly(1,4-isoprene), ω -amino-terminated 機能性ブロックコポリマー
Poly(styrene)-b-poly(isoprene), functionalized



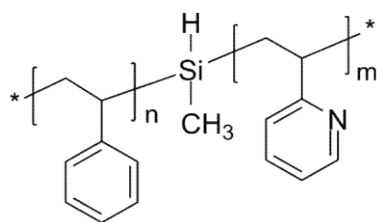
P2671-SIPNH2	$M_n \times 10^3$: 23-b-37.5	M_w/M_n : 1.06	1g
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Poly(styrene)-b-poly(2-vinyl pyridine), with hydroxy group at the block junction 機能性ブロックコポリマー
Poly(styrene)-b-poly(2-vinyl pyridine), functionalized



P4135-S(SiOH)2VP	$M_n \times 10^3$: 25-b-26.0	M_w/M_n : 1.07	1g
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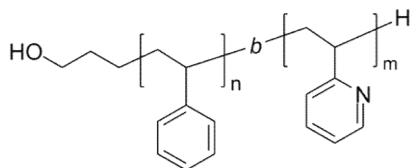
Poly(styrene)-b-poly(2-vinyl pyridine), with silyl group at the block junction 機能性ブロックコポリマー
Poly(styrene)-b-poly(2-vinyl pyridine), functionalized



P3882-S(SiH)2VP	$M_n \times 10^3$: 23.1-b-20.0	M_w/M_n : 1.1	1g
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Poly(styrene)-b-poly(2-vinyl pyridine), α -hydroxy-terminated 機能性ブロックコポリマー

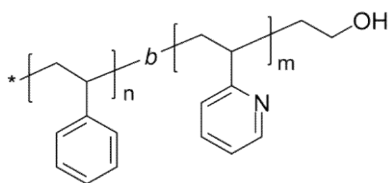
Poly(styrene)-b-poly(2-vinyl pyridine), functionalized



P19890-HOS2VP	$M_n \times 10^3$: 34-b-4	M_w/M_n : 1.15	f(OH) > 99%	1g
P19901-HOS2VP	$M_n \times 10^3$: 34-b-14	M_w/M_n : 1.2	f(OH) > 99%	1g
P19901A-HOS2VP	$M_n \times 10^3$: 34-b-15.5	M_w/M_n : 1.18	f(OH) > 99%	1g
P19893A-HOS2VP	$M_n \times 10^3$: 69-b-27	M_w/M_n : 1.14	f(OH) > 99%	1g
P19894A-HOS2VP	$M_n \times 10^3$: 88-b-13	M_w/M_n : 1.25	f(OH) > 99%	1g
P19895-HOS2VP	$M_n \times 10^3$: 91.5-b-55	M_w/M_n : 1.16	f(OH) > 99%	1g

Poly(styrene)-b-poly(2-vinyl pyridine), ω -hydroxy-terminated 機能性ブロックコポリマー

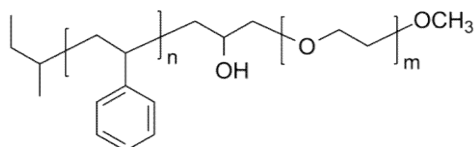
Poly(styrene)-b-poly(2-vinyl pyridine), functionalized



P2428-S2VPOH	$M_n \times 10^3$: 3.2-b-1.3	M_w/M_n : 1.28		1g
P8475-S2VPOH	$M_n \times 10^3$: 13.5-b-9.0	M_w/M_n : 1.08		1g
P8470-S2VPOH	$M_n \times 10^3$: 35-b-77.0	M_w/M_n : 1.09		1g
P4853-S2VPOH	$M_n \times 10^3$: 45-b-16.0	M_w/M_n : 1.04		1g
P40157-S2VPOH	$M_n \times 10^3$: 65-b-19	M_w/M_n : 1.07	f > 99%	1g
P3329-S2VPOH	$M_n \times 10^3$: 75-b-21	M_w/M_n : 1.08		1g
P3318-S2VPOH	$M_n \times 10^3$: 80-b-14.0	M_w/M_n : 1.09		1g

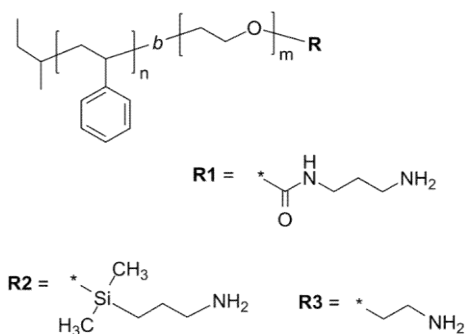
Poly(styrene)-b-poly(ethylene oxide), with hydroxymethylene at the block junction 機能性ブロックコポリマー

Poly(styrene)-b-poly(ethylene oxide), functionalized



P8451-S(OH)EGOCH3	$M_n \times 10^3$: 5-b-2.5	M_w/M_n : 1.15		1g
P8460-S(OH)EGOCH3	$M_n \times 10^3$: 5-b-6.0	M_w/M_n : 1.15		1g

新製品: Poly(styrene)-b-poly(ethylene oxide), ω -amino-terminated 機能性ブロックコポリマー
Poly(styrene)-b-poly(ethylene oxide), functionalized

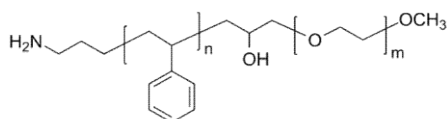


P40999-SEO-NH2	$M_n \times 10^3$: 1.6-b-2.5	M_w/M_n : 1.08	R2	1g
P40998-SEO-NH2	$M_n \times 10^3$: 1.6-b-5	M_w/M_n : 1.08	R2	1g
P41000B-SEO-NH2	$M_n \times 10^3$: 1.6-b-5	M_w/M_n : 1.1	R3	1g
P40937-SEO-NH2	$M_n \times 10^3$: 9.5-b-18	M_w/M_n : 1.09	R1	1g

Poly(styrene)-b-poly(ethylene oxide), α -amino-terminated; with hydroxymethylene at the block junction

機能性ブロックコポリマー

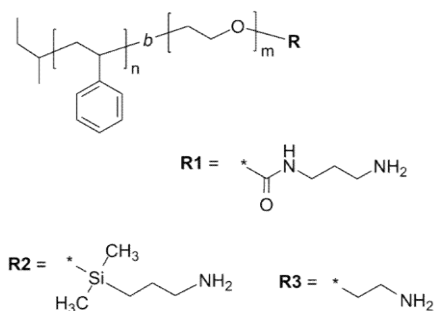
Poly(styrene)-b-poly(ethylene oxide), functionalized



P8487-NH2SOHEGOCH3	$M_n \times 10^3$: 4-b-6.0	M_w/M_n : 1.3	0.5g
P8485-NH2SOHEGOCH3	$M_n \times 10^3$: 5-b-6.0	M_w/M_n : 1.25	0.5g
P8486-NH2SOHEGOCH3	$M_n \times 10^3$: 5-b-6.0	M_w/M_n : 1.2	0.5g

Poly(styrene)-b-poly(ethylene oxide), ω -amino-terminated 機能性ブロックコポリマー

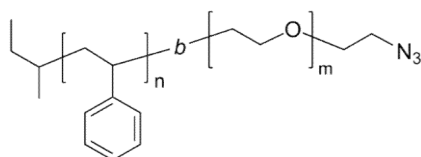
Poly(styrene)-b-poly(ethylene oxide), functionalized



P40999-SEO-NH2	$M_n \times 10^3$: 1.6-b-2.5	M_w/M_n : 1.08	R2	0.5g
P40999-SEO-NH2	$M_n \times 10^3$: 1.6-b-5	M_w/M_n : 1.08	R2	0.5g
P40999-SEO-NH2	$M_n \times 10^3$: 1.6-b-5	M_w/M_n : 1.1	R3	0.5g
P40999-SEO-NH2	$M_n \times 10^3$: 9.5-b-18	M_w/M_n : 1.09	R1	0.5g

Poly(styrene)-b-poly(ethylene oxide), ω -azide-terminated 機能性ブロックコポリマー

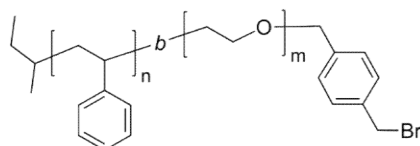
Poly(styrene)-b-poly(ethylene oxide), functionalized



P41000A-SEO-N3	$M_n \times 10^3$: 1.6-b-5	M_w/M_n : 1.1	1g
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Poly(styrene)-b-poly(ethylene oxide), ω -bromo-terminated 機能性ブロックコポリマー

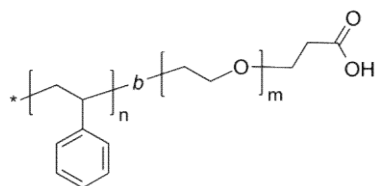
Poly(styrene)-b-poly(ethylene oxide), functionalized



P18779-SEOBzBr	$M_n \times 10^3$: 12.5-b-25.5	M_w/M_n : 1.15	1g
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Poly(styrene)-b-poly(ethylene oxide), ω -carboxy-terminated 機能性ブロックコポリマー

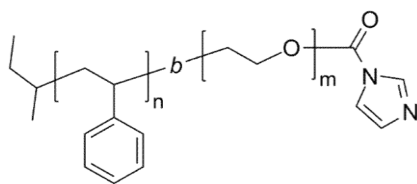
Poly(styrene)-b-poly(ethylene oxide), functionalized



P41551-SEOCOOH	$M_n \times 10^3$: 1.5-b-2.5	M_w/M_n : 1.09	1g
P9051-SEOCOOH	$M_n \times 10^3$: 1.7-b-0.6	M_w/M_n : 1.09	1g
P40940-SEOCOOH	$M_n \times 10^3$: 5-b-2.2	M_w/M_n : 1.08	1g
P40942-SEOCOOH	$M_n \times 10^3$: 9.5-b-5.3	M_w/M_n : 1.04	1g
P18154-SEOCOOH	$M_n \times 10^3$: 9.5-b-18.0	M_w/M_n : 1.09	1g
P40941-SEOCOOH	$M_n \times 10^3$: 10-b-4.1	M_w/M_n : 1.09	1g

Poly(styrene)-b-poly(ethylene oxide), ω -(carbonyl imidazole)-terminated 機能性ブロックコポリマー

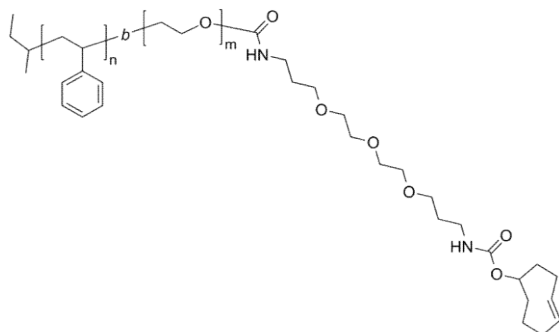
Poly(styrene)-b-poly(ethylene oxide), functionalized



P40856-SEO-ID	$M_n \times 10^3$: 9.5-b-18.0	M_w/M_n : 1.09	0.5g
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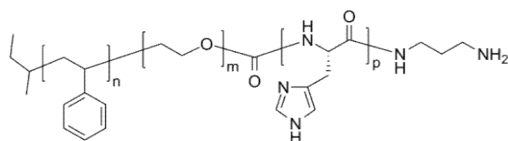
新製品 : Poly(styrene)-b-poly(ethylene oxide), ω -(trans-cyclooctene)-terminated 機能性ブロックコポリマー

Poly(styrene)-b-poly(ethylene oxide), functionalized



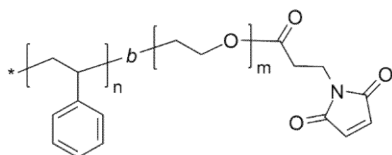
P40889A-SEO-TCO	$M_n \times 10^3$: 9.5-b-18	M_w/M_n : 1.09	0.1g
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Poly(styrene)-b-poly(ethylene oxide)-b-(histidine), ω -amino-terminated 機能性トリブロックコポリマー
Functionalized Triblock Copolymer



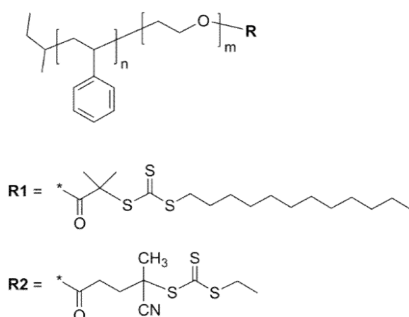
P40867A-S-EO-HisNH2	$M_n \times 10^3$: 9.5-b-18-b-3	M_w/M_n : 1.09	0.5g
P40911-S-EO-HisNH2	$M_n \times 10^3$: 9.5-b-18-b-6	M_w/M_n : 1.09	0.5g

Poly(styrene)-b-poly(ethylene oxide), ω -maleimido-terminated 機能性ブロックコポリマー
Poly(styrene)-b-poly(ethylene oxide), functionalized



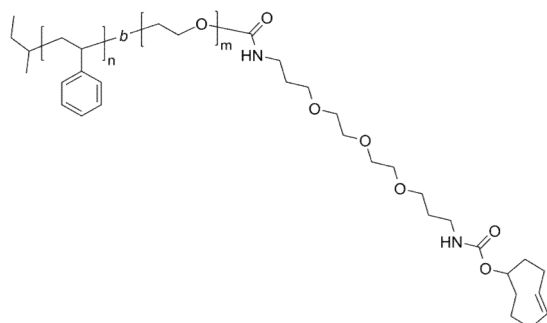
P14577-SEOMaleimido	$M_n \times 10^3$: 9.5-b-18	M_w/M_n : 1.09	1g
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Poly(styrene)-b-poly(ethylene oxide), ω -RAFT-terminated 機能性ブロックコポリマー
RAFT agents (macroinitiators)



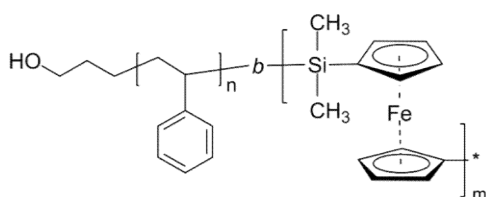
P41517-SEO-RAFT	$M_n \times 10^3$: 9-b-19.5	M_w/M_n : 1.04	R1	1g
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Poly(styrene)-b-poly(ethylene oxide), ω -(trans-cyclooctene)-terminated 機能性ブロックコポリマー
 Poly(styrene)-b-poly(ethylene oxide), functionalized



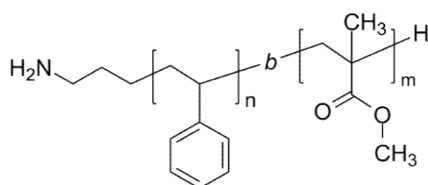
P40889-SEO-RTCO	$M_n \times 10^3$: 9.5-b-18	M_w/M_n : 1.09	0.5g
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Poly(styrene)-b-poly(ferrocenyl dimethyl silane), α -hydroxy-terminated 機能性ブロックコポリマー
 Functionalized Diblock Copolymer



P9436A-HOSFES	$M_n \times 10^3$: 43-b-0.8	M_w/M_n : 1.3	1g
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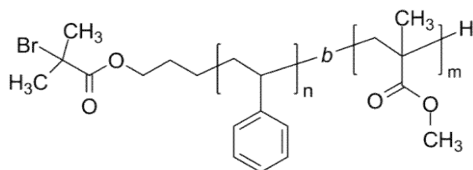
Poly(styrene)-b-poly(methyl methacrylate), α -amino-terminated 機能性ブロックコポリマー
 Poly(styrene)-b-poly(methyl methacrylate), functionalized



P11172-NH2SMMA	$M_n \times 10^3$: 60-b-270	M_w/M_n : 1.11	1g
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Poly(styrene)-b-poly(methyl methacrylate), α -bromo-terminated 機能性ブロックコポリマー

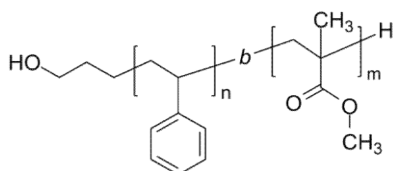
Poly(styrene)-b-poly(methyl methacrylate), functionalized



P18287-BrSMMA	$M_n \times 10^3$: 13.5-b-10.5	M_w/M_n : 1.18	1g
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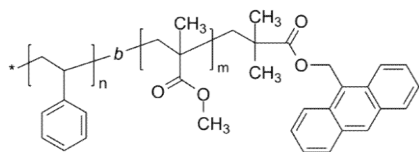
Poly(styrene)-b-poly(methyl methacrylate), α -hydroxy-terminated 機能性ブロックコポリマー

Poly(styrene)-b-poly(methyl methacrylate), functionalized

Comments: *: Product further purified by passing through Al₂O₃ Column and filter freeze dried polymer

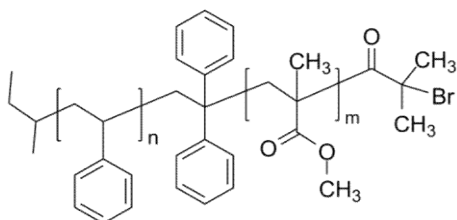
P4141-HOSMMA	$M_n \times 10^3$: 1.6-b-1.7	M_w/M_n : 1.17		1g
P4138-HOSMMA	$M_n \times 10^3$: 9-b-4.5	M_w/M_n : 1.15		1g
P4140-HOSMMA	$M_n \times 10^3$: 13.5-b-10.5	M_w/M_n : 1.18		1g
P9209E-HOSMMA	$M_n \times 10^3$: 16-b-65.0	M_w/M_n : 1.1	*	1g
P9213E-HOSMMA	$M_n \times 10^3$: 17-b-58.5	M_w/M_n : 1.12	*	1g
P5368E-HOSMMA	$M_n \times 10^3$: 17-b-67	M_w/M_n : 1.08		1g
P9207E-HOSMMA	$M_n \times 10^3$: 18-b-56.0	M_w/M_n : 1.19	*	1g
P18286A-HOSMMA	$M_n \times 10^3$: 19-b-50	M_w/M_n : 1.07		1g
P5353-HOSMMA	$M_n \times 10^3$: 21-b-43.0	M_w/M_n : 1.16	*	1g
P5370E-HOSMMA	$M_n \times 10^3$: 22-b-119.0	M_w/M_n : 1.14	*	1g
P5367E-HOSMMA	$M_n \times 10^3$: 24-b-700.0	M_w/M_n : 1.28	*	1g
P9212E-HOSMMA	$M_n \times 10^3$: 25-b-86.0	M_w/M_n : 1.16	*	1g
P9214E-HOSMMA	$M_n \times 10^3$: 25-b-93.0	M_w/M_n : 1.17	*	1g
P9211E-HOSMMA	$M_n \times 10^3$: 26-b-66.0	M_w/M_n : 1.29	*	1g
P5354-HOSMMA	$M_n \times 10^3$: 28-b-81.0	M_w/M_n : 1.4		1g
P4139-HOSMMA	$M_n \times 10^3$: 30-b-21.0	M_w/M_n : 1.14		1g
P5352-HOSMMA	$M_n \times 10^3$: 31-b-40.0	M_w/M_n : 1.16		1g
P9208E-HOSMMA	$M_n \times 10^3$: 35-b-75.0	M_w/M_n : 1.1	*	1g
P9210E-HOSMMA	$M_n \times 10^3$: 35-b-98.0	M_w/M_n : 1.35	*	1g
P18279A-HOSMMA	$M_n \times 10^3$: 52-b-87	M_w/M_n : 1.06		1g
P4137-HOSMMA	$M_n \times 10^3$: 243-b-20	M_w/M_n : 1.5		1g

Poly(styrene)-b-poly(methyl methacrylate), ω -anthracene-terminated 機能性ポリマー
Poly(styrene)-b-poly(methyl methacrylate), functionalized



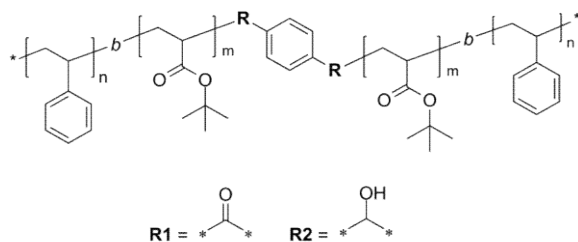
P14974-SMMAAn	$M_n \times 10^3$: 72	M_w/M_n : 2.5	1g
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Poly(styrene)-b-poly(methyl methacrylate), ω -bromo-terminated 機能性ブロックコポリマー
Poly(styrene)-b-poly(methyl methacrylate), functionalized



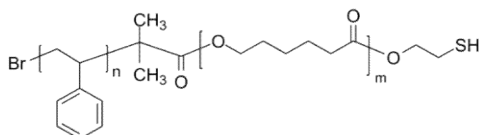
P18726-SMMABr	$M_n \times 10^3$: 5.2-b-13.0	M_w/M_n : 1.09	1g
P18725-SMMABr	$M_n \times 10^3$: 6.2-b-13.0	M_w/M_n : 1.09	1g
P10061-SMMABr	$M_n \times 10^3$: 7-b-9.0	M_w/M_n : 1.15	1g
P11200-SMMABr	$M_n \times 10^3$: 88-b-325	M_w/M_n : 1.28	1g

Poly(styrene)-b-poly(tert-butyl acrylate)-b-poly(styrene), with hydroxy or carbonyl groups in center of PtBuA block
機能性トリブロックコポリマー
 Functionalized Triblock Copolymer



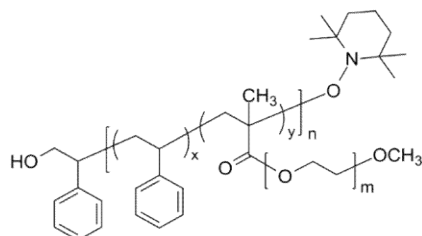
P19590A-StBuAS	$M_n \times 10^3$: 1-b-34-b-1	Mw/Mn : 1.23	R1	1g
P19591A-StBuAS	$M_n \times 10^3$: 2-b-40-b-2	Mw/Mn : 1.22	R1	1g
P8871-StBuAS	$M_n \times 10^3$: 3-b-70-b-3	Mw/Mn : 1.15		1g
P11151-StBuAS	$M_n \times 10^3$: 5-b-80-b-5	Mw/Mn : 1.28	R1	1g
P11151A-StBuAS	$M_n \times 10^3$: 5-b-80-b-5	Mw/Mn : 1.27		1g
P10081-StBuAS	$M_n \times 10^3$: 16-b-54-b-16	Mw/Mn : 1.28	R2	1g

Poly(styrene)-b-poly(ϵ -caprolactone), ω -thiol-terminated **機能性ブロックコポリマー**
 Functionalized Diblock Copolymer



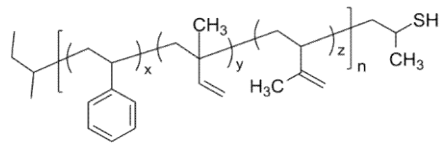
P20022A2-7A-SCLSH	$M_n \times 10^3$: 2.5-b-3.4	Mw/Mn : 1.4	1g
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Poly(styrene-co-[poly(ethylene oxide)] methacrylate), (α -hydroxy, ω -TEMPO)-terminated **機能性ランダムコポリマー**
 Functionalized Random Copolymer



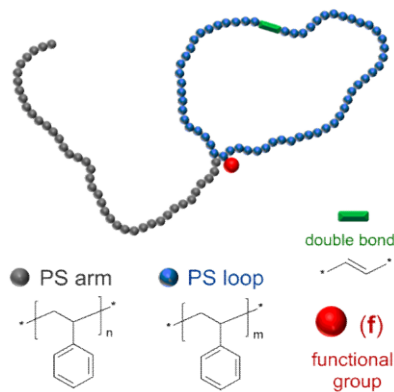
P6538-SEOMAranOHT	$M_n \times 10^3$: 100.8	Mw/Mn : 1.23	PS=48wt%; Mn(PEO)=1.1k	1g
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Poly(styrene-co-1,2-isoprene-co-3,4-isoprene), ω-thiol-terminated 機能性ランダムコポリマー
Functionalized Random Copolymer



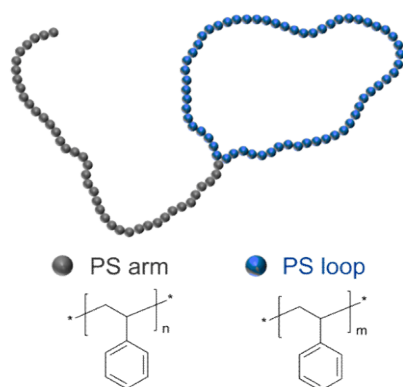
P19409-SIpranSH	Mn x 10 ³ : 46.5	Mw/Mn : 1.18	PS: 65 mol%	1g
P19405-SIpranSH	Mn x 10 ³ : 53.5	Mw/Mn : 1.16	PS: 70 mol%	1g

Poly(styrene), tadpole-shaped (functionalized) 機能性ポリマー
Tadpole-shaped Poly(styrene)



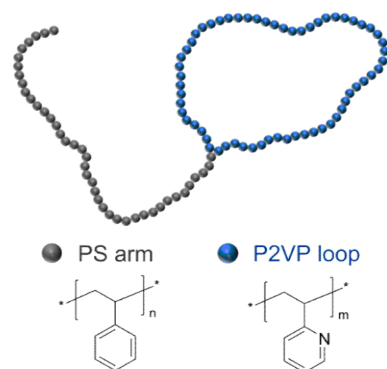
Tadpole-S-1-3-NH2	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	1g
Tadpole-S-1-3-OH	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	1g
Tadpole-S-1-3-SH	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	1g
Tadpole-S-1-4-NH2	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	1g
Tadpole-S-1-4-OH	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	1g
Tadpole-S-1-4-SH	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	1g
Tadpole-S-2-5-NH2	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	1g
Tadpole-S-2-5-OH	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	1g
Tadpole-S-2-5-SH	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	1g

Poly(styrene), tadpole-shaped (no functional group) 機能性ポリマー
Tadpole-shaped Poly(styrene)



Tadpole-S-1-3-0	$M_n \times 10^3$: 1 (arm) - 3 (loop)	Mw/Mn :	1g
Tadpole-S-1-4-0	$M_n \times 10^3$: 1 (arm) - 4 (loop)	Mw/Mn :	1g
Tadpole-S-2-5-0	$M_n \times 10^3$: 2 (arm) - 5 (loop)	Mw/Mn :	1g

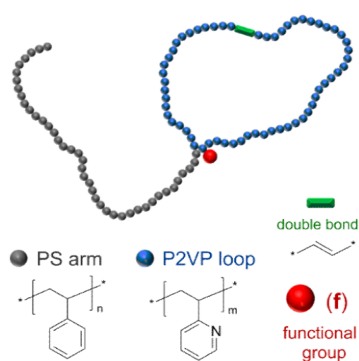
Poly(styrene)-b-poly(2-vinyl pyridine), tadpole-shaped diblock copolymer (no functional group) 機能性ブロックコポリマー
Tadpole-shaped Poly(styrene)-b-poly(2-vinyl pyridine)



Tadpole-S2VP-1-3-0	$M_n \times 10^3$: 1 (arm) - 3 (loop)	Mw/Mn :	1g
Tadpole-S2VP-1-4-0	$M_n \times 10^3$: 1 (arm) - 4 (loop)	Mw/Mn :	1g
Tadpole-S2VP-2-5-0	$M_n \times 10^3$: 2 (arm) - 5 (loop)	Mw/Mn :	1g

Poly(styrene)-b-poly(2-vinyl pyridine), tadpole-shaped diblock copolymer (functionalized) 機能性ブロックコポリマー

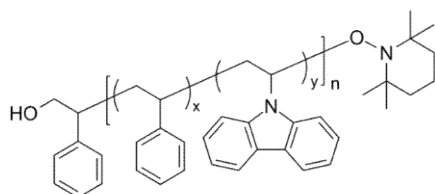
Tadpole-shaped Poly(styrene)-b-poly(2-vinyl pyridine)



Tadpole-S2VP-1-3-NH2	$M_n \times 10^3$: 1 (arm) - 3 (loop)	Mw/Mn :	(f): NH2	1g
Tadpole-S2VP-1-3-OH	$M_n \times 10^3$: 1 (arm) - 3 (loop)	Mw/Mn :	(f): OH	1g
Tadpole-S2VP-1-3-SH	$M_n \times 10^3$: 1 (arm) - 3 (loop)	Mw/Mn :	(f): SH	1g
Tadpole-S2VP-1-4-NH2	$M_n \times 10^3$: 1 (arm) - 4 (loop)	Mw/Mn :	(f): NH2	1g
Tadpole-S2VP-1-4-OH	$M_n \times 10^3$: 1 (arm) - 4 (loop)	Mw/Mn :	(f): OH	1g
Tadpole-S2VP-1-4-SH	$M_n \times 10^3$: 1 (arm) - 4 (loop)	Mw/Mn :	(f): SH	1g
Tadpole-S2VP-2-5-NH2	$M_n \times 10^3$: 2 (arm) - 5 (loop)	Mw/Mn :	(f): NH2	1g
Tadpole-S2VP-2-5-OH	$M_n \times 10^3$: 2 (arm) - 5 (loop)	Mw/Mn :	(f): OH	1g
Tadpole-S2VP-2-5-SH	$M_n \times 10^3$: 2 (arm) - 5 (loop)	Mw/Mn :	(f): SH	1g

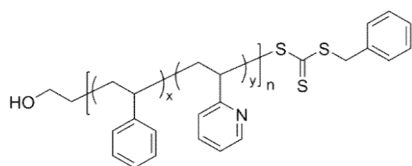
Poly(styrene-co-9-vinyl carbazole), (α -hydroxy, ω -TEMPO)-terminated 機能性ランダムコポリマー

Functionalized Random Copolymer



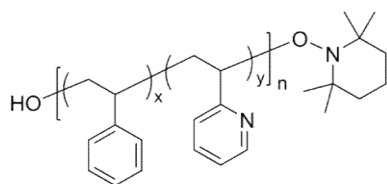
P13215C-SVKranOHT	$M_n \times 10^3$: 10	Mw/Mn : 1.5	55% styrene (mol%)	0.5g
P13213-SVKranOHT	$M_n \times 10^3$: 22	Mw/Mn : 1.6	98% styrene (mol%)	0.5g
P13215B-SVKranOHT	$M_n \times 10^3$: 30	Mw/Mn : 1.3	75% styrene (mol%)	0.5g
P13212-SVKranOHT	$M_n \times 10^3$: 35	Mw/Mn : 1.6	98% styrene (mol%)	0.5g
P13215A-SVKranOHT	$M_n \times 10^3$: 35	Mw/Mn : 1.5		0.5g

新製品 : Poly(styrene-co-2-vinyl pyridine), α -hydroxy-terminated 機能性コポリマー
Poly(styrene-co-2-vinyl pyridine), functionalized



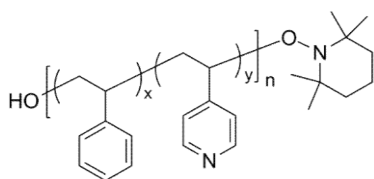
P16427A-S2VPranOH	$M_n \times 10^3$: 3	M_w/M_n : 1.25	PS:P2VP=70:30	1g
P16427B3-S2VPranOH	$M_n \times 10^3$: 4.5	M_w/M_n : 1.3	PS:P2VP=70:30	1g
P41941-S2VPranOH	$M_n \times 10^3$: 4.5	M_w/M_n : 1.2	PS:P2VP=70:30	1g
P16427B2-S2VPranOH	$M_n \times 10^3$: 5.5	M_w/M_n : 1.2	PS:P2VP=70:30	1g
P16427B1-S2VPranOH	$M_n \times 10^3$: 6	M_w/M_n : 1.19	PS:P2VP=66:33	1g

新製品 : Poly(styrene-co-2-vinyl pyridine), (α -hydroxy, ω -TEMPO)-terminated 機能性コポリマー
Poly(styrene-co-2-vinyl pyridine), functionalized



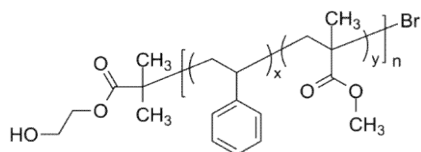
P41938-S2VPranOHT	$M_n \times 10^3$: 40.5	M_w/M_n : 1.2	PS:P2VP=65:35	0.5g
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新製品 : Poly(styrene-co-4-vinyl pyridine), α -hydroxy-terminated random copolymer 機能性ランダムコポリマー
Functionalized Random Copolymer



P14259-2-S4VPran-OHT	$M_n \times 10^3$: 16.3	M_w/M_n : 1.2	S:4VP = 1:9	1g
P14259-1-S4VPran-OHT	$M_n \times 10^3$: 18.6	M_w/M_n : 1.3	S:4VP = 1:9	1g
P14258-S4VPran-OHT	$M_n \times 10^3$: 22.3	M_w/M_n : 1.66	S:4VP = 1:9	1g

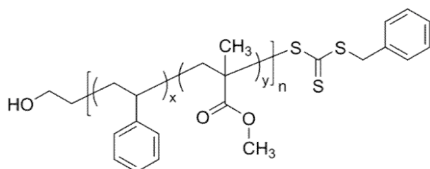
Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -bromo)-terminated 機能性ランダムコポリマー
Poly(styrene-co-methyl methacrylate), functionalized



Comments: Comments Column : polystyrene mole %

P6650-SMMArOHBrT	Mn x 10 ³ : 12	Mw/Mn : 1.24	15.0	1g
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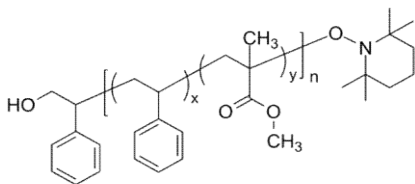
新製品 : Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -RAFT)-terminated 機能性ランダムコポリマー
Poly(styrene-co-methyl methacrylate), functionalized



PS:PMMA = 50:50

P41945-SMMArOH	Mn x 10 ³ : 19	Mw/Mn : 1.4	15.0	1g
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Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -TEMPO)-terminated 機能性ランダムコポリマー
Poly(styrene-co-methyl methacrylate), functionalized



Comments: Comments Column: PS (Mol%)

P18285C-SMMArOHT	Mn x 10 ³ : 2	Mw/Mn : 1.07	PS = 36 mol%	1g
P6469B-SMMArOHT	Mn x 10 ³ : 3.5	Mw/Mn : 1.55	PS = 55 mol%	1g
P6618E-SMMArOHT	Mn x 10 ³ : 3.5	Mw/Mn : 1.4	PS = 56 mol%	1g
P14671A-SMMArOHT	Mn x 10 ³ : 3.7	Mw/Mn : 1.7	PS = 27 mol%	1g
P6300B-SMMArOHT	Mn x 10 ³ : 4	Mw/Mn : 1.42	PS = 60 mol%	1g
P6618D-SMMArOHT	Mn x 10 ³ : 4	Mw/Mn : 1.5	PS = 58 mol%	1g
P18336-SMMArOHT	Mn x 10 ³ : 4.5	Mw/Mn : 1.2	PS = 53 mol%	1g

Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -TEMPO)-terminated 次ページに続く

前ページからの続き Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -TEMPO)-terminated

P14671B-SMMAranoHT	Mn x 10 ³ : 4.5	Mw/Mn : 1.45	PS = 34 mol%	1g
P6618F-SMMAranoHT	Mn x 10 ³ : 4.5	Mw/Mn : 1.5	PS = 57 mol%	1g
P14671C-SMMAranoHT	Mn x 10 ³ : 5.5	Mw/Mn : 1.45	PS = 43 mol%	1g
P20199B-SMMAranoHT	Mn x 10 ³ : 5.5	Mw/Mn : 1.2	PS = 54 mol%	1g
P6470A-SMMAranoHT	Mn x 10 ³ : 5.8	Mw/Mn : 1.55	PS = 55 mol%	1g
P7343D-SMMAranoHT	Mn x 10 ³ : 6	Mw/Mn : 1.2	PS = 59 mol%	1g
P6625E-SMMAranoHT	Mn x 10 ³ : 6	Mw/Mn : 1.6	PS = 58 mol%	1g
P20202B-SMMAranoHT	Mn x 10 ³ : 6	Mw/Mn : 1.15	PS = 43 mol%	1g
P6300A-SMMAranoHT	Mn x 10 ³ : 6.4	Mw/Mn : 1.45	PS = 60 mol%	1g
P6618C-SMMAranoHT	Mn x 10 ³ : 6.5	Mw/Mn : 1.4	PS = 56 mol%	1g
P20201B-SMMAranoHT	Mn x 10 ³ : 6.5	Mw/Mn : 1.25	PS = 54 mol%	1g
P20201C-SMMAranoHT	Mn x 10 ³ : 6.5	Mw/Mn : 1.32	PS = 55 mol%	1g
P18336A-SMMAranoHT	Mn x 10 ³ : 7	Mw/Mn : 1.24	PS = 52 mol%	1g
P18364-SMMAranoHT	Mn x 10 ³ : 7	Mw/Mn : 1.35	PS = 34 mol%	1g
P6469A-SMMAranoHT	Mn x 10 ³ : 7	Mw/Mn : 1.48	PS = 56 mol%	1g
P20201A-SMMAranoHT	Mn x 10 ³ : 7	Mw/Mn : 1.32	PS = 54 mol%	1g
P20255C-SMMAranoHT	Mn x 10 ³ : 7	Mw/Mn : 1.16	PS = 72 mol%	1g
P6301-SMMAranoHT	Mn x 10 ³ : 7.4	Mw/Mn : 1.6	PS = 60 mol%	1g
P14671DF5-SMMAranoHT	Mn x 10 ³ : 7.5	Mw/Mn : 1.15	PS = 52 mol%	1g
P20201-SMMAranoHT	Mn x 10 ³ : 7.5	Mw/Mn : 1.5	PS = 52 mol%	1g
P20199A-SMMAranoHT	Mn x 10 ³ : 7.5	Mw/Mn : 1.25	PS = 52 mol%	1g
P20253C-SMMAranoHT	Mn x 10 ³ : 7.8	Mw/Mn : 1.58	PS = 55 mol%	1g
P20202A-SMMAranoHT	Mn x 10 ³ : 8	Mw/Mn : 1.2	PS = 43 mol%	1g
P20255A-SMMAranoHT	Mn x 10 ³ : 8	Mw/Mn : 1.17	PS = 72 mol%	1g
P9084-SMMAranoHT	Mn x 10 ³ : 8.5	Mw/Mn : 1.3	PS = 60 mol%	1g
P8596-SMMAranoHT	Mn x 10 ³ : 8.5	Mw/Mn : 1.45	PS = 66 mol%	1g
P14671DF4-SMMAranoHT	Mn x 10 ³ : 8.5	Mw/Mn : 1.18	PS = 52 mol%	1g
P20255B-SMMAranoHT	Mn x 10 ³ : 8.5	Mw/Mn : 1.19	PS = 72 mol%	1g
P6417F3-SMMAranoHT	Mn x 10 ³ : 8.6	Mw/Mn : 1.3	PS = 56 mol%	1g
P20253B-SMMAranoHT	Mn x 10 ³ : 8.8	Mw/Mn : 1.45	PS = 59 mol%	1g
P18285A-SMMAranoHT	Mn x 10 ³ : 9	Mw/Mn : 1.19	PS = 52 mol%	1g
P20199-SMMAranoHT	Mn x 10 ³ : 9	Mw/Mn : 1.3	PS = 53 mol%	1g
P20292-SMMAranoHT	Mn x 10 ³ : 9	Mw/Mn : 1.3	PS = 24 mol%	1g
P18285-SMMAranoHT	Mn x 10 ³ : 9.5	Mw/Mn : 1.25	PS = 56 mol%	1g
P18363-SMMAranoHT	Mn x 10 ³ : 9.5	Mw/Mn : 1.35	PS = 42 mol%	1g
P7343C-SMMAranoHT	Mn x 10 ³ : 9.5	Mw/Mn : 1.25	PS = 57 mol%	1g
P20291-SMMAranoHT	Mn x 10 ³ : 9.5	Mw/Mn : 1.5	PS = 42 mol%	1g
P9085-SMMAranoHT	Mn x 10 ³ : 9.7	Mw/Mn : 1.45	PS = 58 mol%	1g
P20256E-SMMAranoHT	Mn x 10 ³ : 10	Mw/Mn : 1.8	PS = 85 mol%	1g
P18340B-SMMAranoHT	Mn x 10 ³ : 11	Mw/Mn : 1.5	PS = 51 mol%	1g
P14671DF2-SMMAranoHT	Mn x 10 ³ : 11	Mw/Mn : 1.25	PS = 52 mol%	1g
P20286-SMMAranoHT	Mn x 10 ³ : 11.2	Mw/Mn : 1.27	PS = 50 mol%	1g
P6625C-SMMAranoHT	Mn x 10 ³ : 12	Mw/Mn : 1.6	PS = 59 mol%	1g
P14671DF1-SMMAranoHT	Mn x 10 ³ : 12.5	Mw/Mn : 1.18	PS = 52 mol%	1g
P6625D-SMMAranoHT	Mn x 10 ³ : 13	Mw/Mn : 1.3	PS = 56 mol%	1g
P6417F2-SMMAranoHT	Mn x 10 ³ : 13	Mw/Mn : 1.29	PS = 56 mol%	1g
P6417F1-SMMAranoHT	Mn x 10 ³ : 14.3	Mw/Mn : 1.36	PS = 57 mol%	1g
P19673-SMMAranoHT	Mn x 10 ³ : 14.5	Mw/Mn : 1.4	PS = 80 mol%	1g
P20252A-SMMAranoHT	Mn x 10 ³ : 14.6	Mw/Mn : 1.29	PS = 55 mol%	1g
P6418-SMMAranoHT	Mn x 10 ³ : 14.8	Mw/Mn : 1.45	PS = 52 mol%	1g
P7343A-SMMAranoHT	Mn x 10 ³ : 15	Mw/Mn : 1.2	PS = 58 mol%	1g
P20253F-SMMAranoHT	Mn x 10 ³ : 15.5	Mw/Mn : 1.35	PS = 60 mol%	1g
P20255-SMMAranoHT	Mn x 10 ³ : 15.5	Mw/Mn : 1.3	PS = 72 mol%	1g
P20253D-SMMAranoHT	Mn x 10 ³ : 15.7	Mw/Mn : 1.3	PS = 60 mol%	1g
P18340-SMMAranoHT	Mn x 10 ³ : 16	Mw/Mn : 1.5	PS = 50 mol%	1g
P6457-SMMAranoHT	Mn x 10 ³ : 16.4	Mw/Mn : 1.39	PS = 58 mol%	1g
P20289-SMMAranoHT	Mn x 10 ³ : 16.5	Mw/Mn : 1.19	PS = 57 mol%	1g

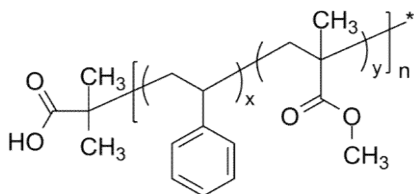
Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -TEMPO)-terminated 次ページに続く

前ページからの続き Poly(styrene-co-methyl methacrylate), (α -hydroxy, ω -TEMPO)-terminated

P20252B-SMMAranoHT	$M_n \times 10^3$: 16.7	Mw/Mn : 1.24	PS = 55 mol%	1g
P18340A-SMMAranoHT	$M_n \times 10^3$: 17	Mw/Mn : 1.4	PS = 50 mol%	1g
P6625A-SMMAranoHT	$M_n \times 10^3$: 17.5	Mw/Mn : 1.5	PS = 54 mol%	1g
P20252E-SMMAranoHT	$M_n \times 10^3$: 17.7	Mw/Mn : 1.26	PS = 60 mol%	1g
P20256D-SMMAranoHT	$M_n \times 10^3$: 20	Mw/Mn : 1.33	PS = 85 mol%	1g
P20252C-SMMAranoHT	$M_n \times 10^3$: 20.5	Mw/Mn : 1.29	PS = 60 mol%	1g
P20253A-SMMAranoHT	$M_n \times 10^3$: 21.5	Mw/Mn : 1.35	PS = 60 mol%	1g
P20252D-SMMAranoHT	$M_n \times 10^3$: 22.5	Mw/Mn : 1.34	PS = 60 mol%	1g
P20252F-SMMAranoHT	$M_n \times 10^3$: 22.5	Mw/Mn : 1.33	PS = 60 mol%	1g
P20294-SMMAranoHT	$M_n \times 10^3$: 23	Mw/Mn : 1.1	PS = 89 mol%	1g
P20296-SMMAranoHT	$M_n \times 10^3$: 25.5	Mw/Mn : 1.14	PS = 94 mol%	1g
P20293-SMMAranoHT	$M_n \times 10^3$: 27.5	Mw/Mn : 1.1	PS = 85 mol%	1g
P20256C-SMMAranoHT	$M_n \times 10^3$: 35	Mw/Mn : 1.38	PS = 85mol%	1g
P20256-SMMAranoHT	$M_n \times 10^3$: 38	Mw/Mn : 1.6	PS = 85 mol%	1g
P18336B-SMMAranoHT	$M_n \times 10^3$: 44	Mw/Mn : 1.25	PS = 50 mol%	1g
P20256B-SMMAranoHT	$M_n \times 10^3$: 44	Mw/Mn : 1.35	PS = 86 mol%	1g
P20256A-SMMAranoHT	$M_n \times 10^3$: 57	Mw/Mn : 1.37	PS = 90 mol%	1g

Poly(styrene-co-methyl methacrylate), α -carboxy-terminated 機能性ランダムコポリマー

Poly(styrene-co-methyl methacrylate), functionalized

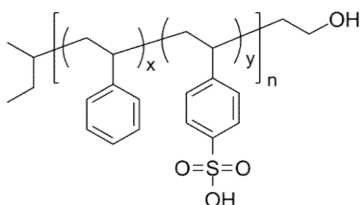


Comments: Comment column indicates styrene content in mol%

P6732F3-SMMAranoCOOH	$M_n \times 10^3$: 2.1	Mw/Mn : 1.95	58	1g
P6732F2-SMMAranoCOOH	$M_n \times 10^3$: 3.6	Mw/Mn : 1.5	58	1g
P6732F1-SMMAranoCOOH	$M_n \times 10^3$: 4	Mw/Mn : 1.5	58	1g

Poly(styrene-co-4-styrene sulfonic acid), ω -hydroxy-terminated 機能性ランダムコポリマー

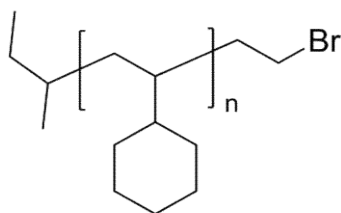
Functionalized Random Copolymer



Ionomer.

P40904-SSAOH	$M_n \times 10^3$: 21.5	Mw/Mn : 1.06	d(SO3H)=25%	1g
P40904B-SSAOH	$M_n \times 10^3$: 21.5	Mw/Mn : 10.6	d(SO3H)=20%	1g

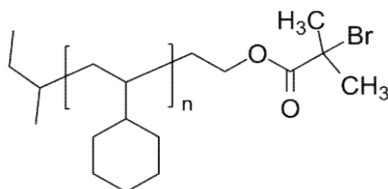
Poly(vinyl cyclohexane), ω -bromo-terminated [via ethylene group] 機能性ポリマー
Poly(vinyl cyclohexane), functionalized



Comments: Synonym: monobromo-terminated poly(cyclohexyl ethylene).

P16156-VCHBr	$M_n \times 10^3$: 12.5	Mw/Mn : 1.05	1g
P16157-VCHBr	$M_n \times 10^3$: 17.5	Mw/Mn : 1.04	1g
P40315B-VCHBr	$M_n \times 10^3$: 17.5	Mw/Mn : 1.04	1g

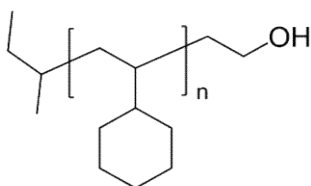
Poly(vinyl cyclohexane), ω -bromo-terminated [via isobutyrate group] 機能性ポリマー
Poly(vinyl cyclohexane), functionalized



Synonym: monobromo-terminated poly(cyclohexyl ethylene).

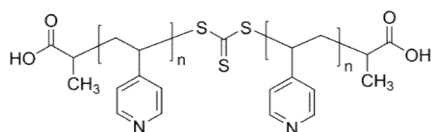
P16168-VCHBr	$M_n \times 10^3$: 5.3	Mw/Mn : 1.09	0.5g
P40315A-VCHBr	$M_n \times 10^3$: 17.5	Mw/Mn : 1.04	0.5g
P40353-VCHBr	$M_n \times 10^3$: 17.5	Mw/Mn : 1.04	0.5g

Poly(vinyl cyclohexane), ω -hydroxy-terminated 機能性ポリマー
Poly(vinyl cyclohexane), functionalized

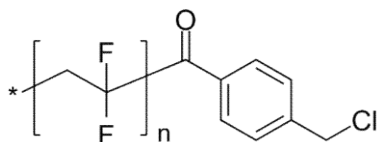


Comments: Synonym: monohydroxy-terminated poly(cyclohexyl ethylene).

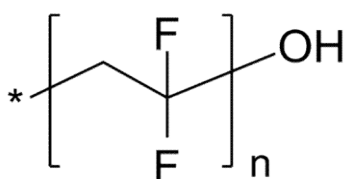
P40405-VCHOH	$M_n \times 10^3$: 5.5	Mw/Mn : 1.09	1g
P40312A-VCHOH	$M_n \times 10^3$: 12	Mw/Mn : 1.04	1g

新製品 : Poly(4-vinyl pyridine), with trithiocarbonate (RAFT moiety) in center 機能性ポリマー

P41883A-4VP-RAFT	$M_n \times 10^3 : 2.5$	$M_w/M_n : 1.28$	by anionic	1g
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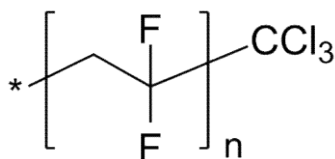
Poly(vinylidene difluoride), ω -benzoylchloride-terminated 機能性ポリマー
 Poly(vinylidene difluoride), functionalized


P18767-VDF-BzCl	$M_n \times 10^3 : 15$	$M_w/M_n : 1.4$		0.5g
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Poly(vinylidene difluoride), ω -hydroxy-terminated 機能性ポリマー
 Poly(vinylidene difluoride), functionalized


P18620A-VDFOH	$M_n \times 10^3 : 1.2$	$M_w/M_n : 1.5$		0.5g
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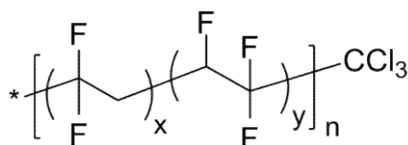
Poly(vinylidene difluoride), ω -trichloromethyl-terminated 機能性ポリマー
Poly(vinylidene difluoride), functionalized



100mgでの販売もございます。

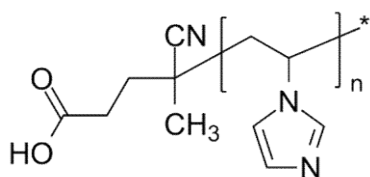
P18632-VDFCCl3	$M_n \times 10^3 : 5$	$M_w/M_n : 1.5$	0.5g
P18638-VDFCCl3	$M_n \times 10^3 : 11.5$	$M_w/M_n : 1.5$	0.5g

Poly(vinylidene difluoride-co-trifluoroethylene), ω -trichloromethyl-terminated 機能性ランダムコポリマー
Poly(vinylidene difluoride-co-trifluoroethylene), functionalized



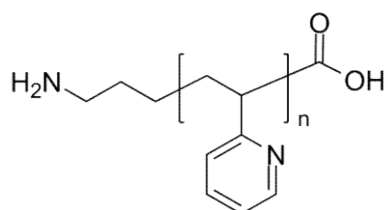
P19846-VDFTFeran-CCl3	$M_n \times 10^3 : 7$	$M_w/M_n : 1.38$	TFE: 17 mol%	0.5g
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Poly(N-vinyl imidazole), α -carboxy-terminated 機能性ポリマー
Poly(vinyl imidazole), functionalized



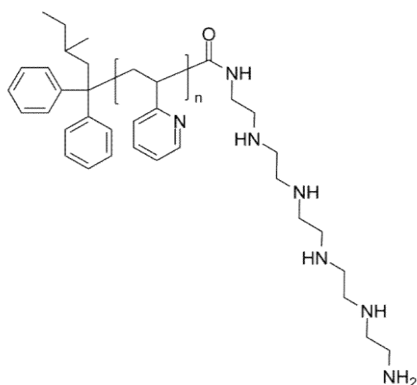
P6140-VIMDZCOOH	$M_n \times 10^3 : 14$	$M_w/M_n : 7.9$	1g
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Poly(2-vinyl pyridine), (α -amino, ω -carboxy)-terminated 機能性ポリマー
Poly(2-vinyl pyridine), functionalized



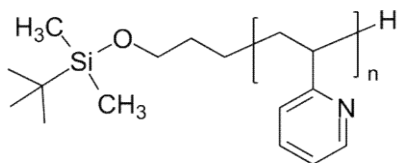
P18761-2VPNH ₂ COOH	$M_n \times 10^3$: 7	M_w/M_n : 1.6	1g
P8495-2VPNH ₂ COOH	$M_n \times 10^3$: 10	M_w/M_n : 1.3	1g
P18760-2VPNH ₂ COOH	$M_n \times 10^3$: 28	M_w/M_n : 1.06	1g

Poly(2-vinyl pyridine), ω -(pentaethylene hexamine)-terminated 機能性ポリマー
Poly(vinyl pyridine), functionalized



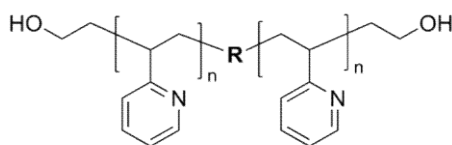
P18526-2VP-PEHA	$M_n \times 10^3$: 2.5	M_w/M_n : 1.17	1g
P18524-2VP-PEHA	$M_n \times 10^3$: 3	M_w/M_n : 1.1	1g

Poly(2-vinyl pyridine), α -(tert-butyl dimethyl siloxypropyl)-terminated 機能性ポリマー
Poly(vinyl pyridine), functionalized



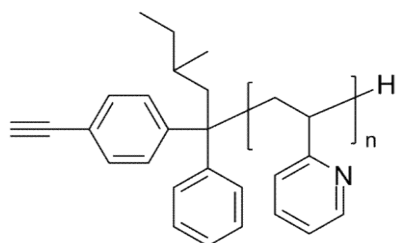
P19185-tBuDMSPr2VP	$M_n \times 10^3$: 13	M_w/M_n : 1.08	1g
P19184-tBuDMSPr2VP	$M_n \times 10^3$: 17.5	M_w/M_n : 1.09	1g
P19106C-tBuDMSPr2VP	$M_n \times 10^3$: 20.5	M_w/M_n : 1.09	1g
P19188-tBuDMSPr2VP	$M_n \times 10^3$: 22	M_w/M_n : 1.11	1g
P19186-tBuDMSPr2VP	$M_n \times 10^3$: 23.5	M_w/M_n : 1.08	1g
P19187-tBuDMSPr2VP	$M_n \times 10^3$: 24	M_w/M_n : 1.06	1g
P19250-tBuDMSPr2VP	$M_n \times 10^3$: 31	M_w/M_n : 1.06	1g
P19248-tBuDMSPr2VP	$M_n \times 10^3$: 75	M_w/M_n : 1.13	1g
P19249-tBuDMSPr2VP	$M_n \times 10^3$: 198	M_w/M_n : 1.08	1g

Poly(2-vinyl pyridine), α,ω -bis(hydroxy)-terminated 機能性ポリマー
Poly(vinyl pyridine), functionalized



P1093-2VP2OH	$M_n \times 10^3$: 4.6	M_w/M_n : 1.11	1g
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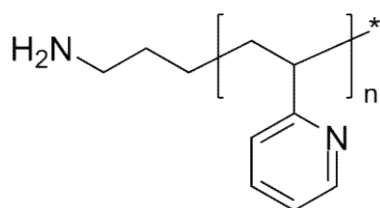
Poly(2-vinyl pyridine), α -alkyne-terminated 機能性ポリマー
Poly(vinyl pyridine), functionalized



P18368-2VP-Alkyne	$M_n \times 10^3$: 8	M_w/M_n : 1.09	1g
P18724-2VP-Alkyne	$M_n \times 10^3$: 12	M_w/M_n : 1.09	1g

Poly(2-vinyl pyridine), α -amino-terminated 機能性ポリマー

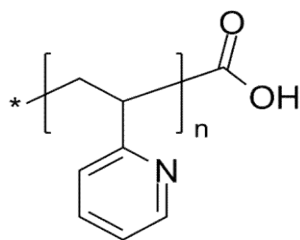
Poly(vinyl pyridine), functionalized



P5682-2VPNH2	$M_n \times 10^3$: 12	Mw/Mn : 1.1	1g
P5697-2VPNH2	$M_n \times 10^3$: 18	Mw/Mn : 1.8	1g
P5685A-2VPNH2	$M_n \times 10^3$: 26	Mw/Mn : 1.3	1g
P5680-2VPNH2	$M_n \times 10^3$: 29	Mw/Mn : 1.25	1g
P5685C-2VPNH2	$M_n \times 10^3$: 30	Mw/Mn : 1.25	1g
P11187-2VPNH2	$M_n \times 10^3$: 30	Mw/Mn : 1.3	1g
P19053-2VPNH2	$M_n \times 10^3$: 32.5	Mw/Mn : 1.1	1g
P5685B-2VPNH2	$M_n \times 10^3$: 37	Mw/Mn : 1.5	1g
P5687B-2VPNH2	$M_n \times 10^3$: 40	Mw/Mn : 1.2	1g
P5686A-2VPNH2	$M_n \times 10^3$: 45	Mw/Mn : 1.3	1g
P5687C-2VPNH2	$M_n \times 10^3$: 52	Mw/Mn : 1.25	1g
P5687A-2VPNH2	$M_n \times 10^3$: 54	Mw/Mn : 1.35	1g
P5690B-2VPNH2	$M_n \times 10^3$: 120	Mw/Mn : 2	1g
P5688C-2VPNH2	$M_n \times 10^3$: 150	Mw/Mn : 1.7	1g
P5684C-2VPNH2	$M_n \times 10^3$: 150	Mw/Mn : 1.27	1g
P5679A-2VPNH2	$M_n \times 10^3$: 152	Mw/Mn : 1.19	1g
P5679B-2VPNH2	$M_n \times 10^3$: 175	Mw/Mn : 1.24	1g
P3684A-2VPNH2	$M_n \times 10^3$: 222	Mw/Mn : 2	1g
P3684B-2VPNH2	$M_n \times 10^3$: 235	Mw/Mn : 2	1g
P5684B-2VPNH2	$M_n \times 10^3$: 240	Mw/Mn : 1.25	1g
P5688B-2VPNH2	$M_n \times 10^3$: 250	Mw/Mn : 1.3	1g
P5689-2VPNH2	$M_n \times 10^3$: 254	Mw/Mn : 1.35	1g
P5684A-2VPNH2	$M_n \times 10^3$: 262	Mw/Mn : 1.3	1g
P5688A-2VPNH2	$M_n \times 10^3$: 280	Mw/Mn : 1.35	1g
P5690A-2VPNH2	$M_n \times 10^3$: 332	Mw/Mn : 1.5	1g
P5683E-2VPNH2	$M_n \times 10^3$: 775	Mw/Mn : 1.3	1g
P5683D-2VPNH2	$M_n \times 10^3$: 1,200	Mw/Mn : 1.2	1g
P5683C-2VPNH2	$M_n \times 10^3$: 1,300	Mw/Mn : 1.26	1g
P5683F-2VPNH2	$M_n \times 10^3$: 1,380	Mw/Mn : 1.3	1g
P5683B-2VPNH2	$M_n \times 10^3$: 1,500	Mw/Mn : 1.35	1g
P5683A-2VPNH2	$M_n \times 10^3$: 1,800	Mw/Mn : 1.28	1g

Poly(2-vinyl pyridine), ω -carboxy-terminated 機能性ポリマー

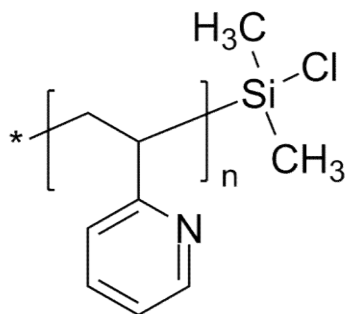
Poly(vinyl pyridine), functionalized



P18524A-2VPCOOH	$M_n \times 10^3 : 3$	$M_w/M_n : 1.1$	1g
P7546-2VPCOOH	$M_n \times 10^3 : 10$	$M_w/M_n : 1.08$	1g
P2260-2VPCOOH	$M_n \times 10^3 : 40.6$	$M_w/M_n : 1.08$	1g
P2262-2VPCOOH	$M_n \times 10^3 : 53$	$M_w/M_n : 1.06$	1g

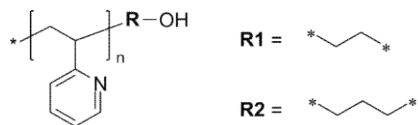
Poly(2-vinyl pyridine), ω -(dimethyl chlorosilyl)-terminated 機能性ポリマー

Poly(vinyl pyridine), functionalized



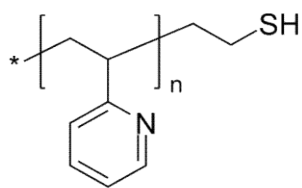
P5314-2VPSiCl	$M_n \times 10^3 : 7.5$	$M_w/M_n : 1.25$	1g
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Poly(2-vinyl pyridine), ω -hydroxy-terminated 機能性ポリマー
 Poly(vinyl pyridine), functionalized



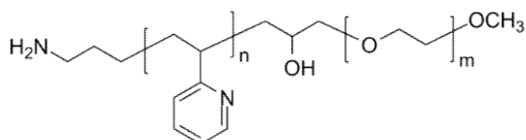
P41500-2VPOH	Mn x 10 ³ : 2.2	Mw/Mn : 1.09	R1	1g
P19526-2VPOH	Mn x 10 ³ : 2.5	Mw/Mn : 1.15	R1	1g
P19525-2VPOH	Mn x 10 ³ : 2.8	Mw/Mn : 1.15	R1	1g
P5329-2VPOH	Mn x 10 ³ : 3.3	Mw/Mn : 1.15		1g
P41499-2VPOH	Mn x 10 ³ : 3.5	Mw/Mn : 1.03	R1	1g
P5364-2VPOH	Mn x 10 ³ : 3.5	Mw/Mn : 1.15	R2	1g
P18796-2VPOH	Mn x 10 ³ : 4	Mw/Mn : 1.06	R1	1g
P18795-2VPOH	Mn x 10 ³ : 5	Mw/Mn : 1.09	R1	1g
P7544-2VPOH	Mn x 10 ³ : 6.2	Mw/Mn : 1.05	R1	1g
P18792-2VPOH	Mn x 10 ³ : 8.5	Mw/Mn : 1.1	R1	1g
P19100-2VPOH	Mn x 10 ³ : 8.5	Mw/Mn : 1.05	R2	1g
P19125-2VPOH	Mn x 10 ³ : 9.6	Mw/Mn : 1.07	R2	1g
P19128-2VPOH	Mn x 10 ³ : 16	Mw/Mn : 1.11	R2	1g
P19101-2VPOH	Mn x 10 ³ : 16.5	Mw/Mn : 1.18	R2	1g
P19129-2VPOH	Mn x 10 ³ : 17	Mw/Mn : 1.1	R2	1g
P19136-2VPOH	Mn x 10 ³ : 17.5	Mw/Mn : 1.14	R2	1g
P19103-2VPOH	Mn x 10 ³ : 18	Mw/Mn : 1.12	R2	1g
P19121-2VPOH	Mn x 10 ³ : 19	Mw/Mn : 1.1	R2	1g
P19112-2VPOH	Mn x 10 ³ : 22	Mw/Mn : 1.06	R2	1g
P19188A-2VPOH	Mn x 10 ³ : 22	Mw/Mn : 1.11	R2	1g
P11325-2VPOH	Mn x 10 ³ : 22.5	Mw/Mn : 1.05	R1	1g
P19122-2VPOH	Mn x 10 ³ : 25	Mw/Mn : 1.06	R2	1g
P11307-2VPOH	Mn x 10 ³ : 26.5	Mw/Mn : 1.04	R1	1g
P19109-2VPOH	Mn x 10 ³ : 29	Mw/Mn : 1.05	R2	1g
P19099-2VPOH	Mn x 10 ³ : 38	Mw/Mn : 1.3	R2	1g
P19123-2VPOH	Mn x 10 ³ : 40	Mw/Mn : 1.12	R2	1g
P19104-2VPOH	Mn x 10 ³ : 47.5	Mw/Mn : 1.09	R2	1g
P19094-2VPOH	Mn x 10 ³ : 51	Mw/Mn : 1.35	R2	1g
P19106-2VPOH	Mn x 10 ³ : 57	Mw/Mn : 1.22	R2	1g
P19096-2VPOH	Mn x 10 ³ : 79	Mw/Mn : 1.45	R2	1g
P19107-2VPOH	Mn x 10 ³ : 80.5	Mw/Mn : 1.17	R2	1g
P19106A-2VPOH	Mn x 10 ³ : 172	Mw/Mn : 2.3	R2	1g
P19120-2VPOH	Mn x 10 ³ : 214	Mw/Mn : 1.11	R2	1g
P19095-2VPOH	Mn x 10 ³ : 250	Mw/Mn : 1.12	R2	1g
P19093-2VPOH	Mn x 10 ³ : 390	Mw/Mn : 1.13	R2	1g

Poly(2-vinyl pyridine), ω -thiol-terminated 機能性ポリマー
Poly(vinyl pyridine), functionalized



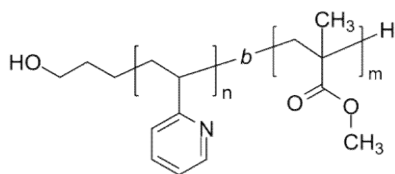
P4672-2VPSH	$M_n \times 10^3$: 1.3	M_w/M_n : 1.08	1g
P8384-2VPSH	$M_n \times 10^3$: 2.5	M_w/M_n : 1.16	1g

Poly(2-vinyl pyridine)-b-poly(ethylene glycol), α -amino-terminated; with hydroxymethylene at the block junction 機能性ブロックコポリマー
Functionalized Diblock Copolymer



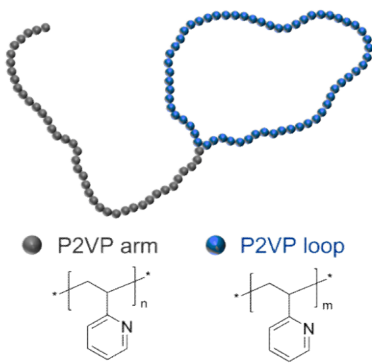
P8494-NH2-2VPOHEGOCH3	$M_n \times 10^3$: 8-b-6.0	M_w/M_n : 1.15	0.5g
P8493-NH2-2VPOHEGOCH3	$M_n \times 10^3$: 14.5-b-6.0	M_w/M_n : 1.15	0.5g

Poly(2-vinyl pyridine)-b-poly(methyl methacrylate), α -hydroxy-terminated 機能性ブロックコポリマー
Functionalized Diblock Copolymer



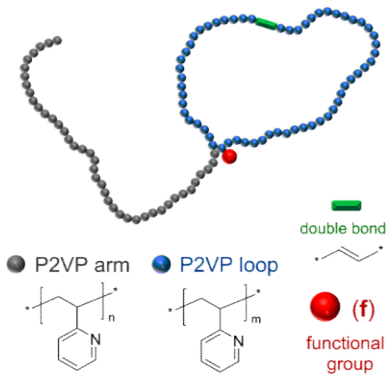
P19254-OH2VPMMA	$M_n \times 10^3$: 17.5-b-32.0	M_w/M_n : 1.13	1g
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Poly(2-vinyl pyridine), tadpole-shaped (no functional group) 機能性ポリマー
Tadpole-shaped Poly(2-vinyl pyridine)



Tadpole-2VP-1-3-0	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	1g
Tadpole-2VP-1-4-0	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	1g
Tadpole-2VP-2-5-0	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	1g

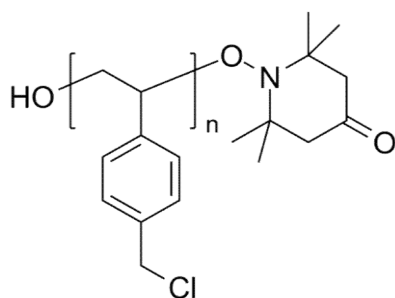
Poly(2-vinyl pyridine), tadpole-shaped (functionalized) 機能性ポリマー
Tadpole-shaped Poly(2-vinyl pyridine)



Tadpole-2VP-1-3-NH2	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	(f): NH2	1g
Tadpole-2VP-1-3-OH	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	(f): OH	1g
Tadpole-2VP-1-3-SH	Mn x 10 ³ : 1 (arm) - 3 (loop)	Mw/Mn :	(f): SH	1g
Tadpole-2VP-1-4-NH2	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	(f): NH2	1g
Tadpole-2VP-1-4-OH	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	(f): OH	1g
Tadpole-2VP-1-4-SH	Mn x 10 ³ : 1 (arm) - 4 (loop)	Mw/Mn :	(f): SH	1g
Tadpole-2VP-2-5-NH2	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	(f): NH2	1g
Tadpole-2VP-2-5-OH	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	(f): OH	1g
Tadpole-2VP-2-5-SH	Mn x 10 ³ : 2 (arm) - 5 (loop)	Mw/Mn :	(f): SH	1g

Poly(4-vinyl benzyl chloride), (α -hydroxy, ω -TEMPO)-terminated 機能性ポリマー

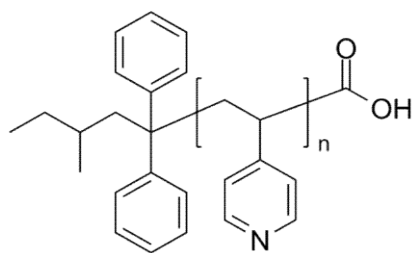
Poly(substituted styrene derivatives), functionalized



P10184A-VBCOHT	$M_n \times 10^3 : 17$	$M_w/M_n : 1.9$	1g
P10184-VBCOHT	$M_n \times 10^3 : 39$	$M_w/M_n : 2.4$	1g

Poly(4-vinyl pyridine), ω -carboxy-terminated 機能性ポリマー

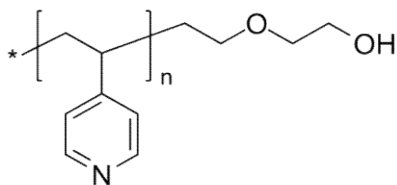
Poly(vinyl pyridine), functionalized



P40364-4VPCOOH	$M_n \times 10^3 : 6$	$M_w/M_n : 1.04$	1g
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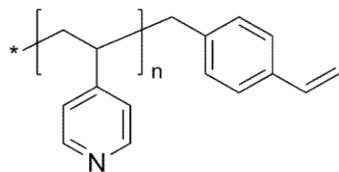
Poly(4-vinyl pyridine), ω -hydroxy-terminated 機能性ポリマー

Poly(vinyl pyridine), functionalized



P9755-4VPOH	$M_n \times 10^3 : 5$	$M_w/M_n : 1.28$	1g
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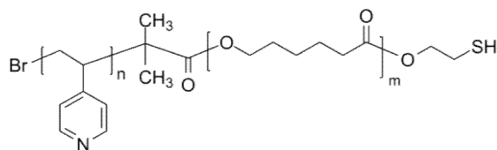
Poly(4-vinyl pyridine), ω -vinyl-terminated 機能性ポリマー
 Poly(vinyl pyridine), functionalized



Comments: Comments Column: "f"

P637-4VPVinyl	$M_n \times 10^3$: 6	M_w/M_n : 1.17	f=88%	1g
P635-4VPVinyl	$M_n \times 10^3$: 7.4	M_w/M_n : 1.26	f=88%	1g
P1035-4VPVinyl	$M_n \times 10^3$: 15	M_w/M_n : 1.15	f=92%	1g
P1038-4VPVinyl	$M_n \times 10^3$: 25	M_w/M_n : 1.19	f=76%	1g
P1041-4VPVinyl	$M_n \times 10^3$: 27	M_w/M_n : 1.19	f=75%	1g

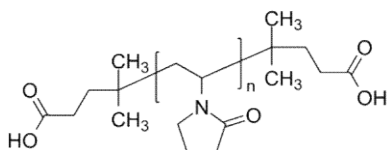
Poly(4-vinyl pyridine)-b-poly(ϵ -caprolactone), ω -thiol-terminated 機能性ブロックコポリマー
 Functionalized Diblock Copolymer



P20022A2-1A-4VPCL-SH	$M_n \times 10^3$: 0.8-b-3.4	M_w/M_n : 1.4	1g
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Poly(N-vinyl pyrrolidone), α,ω -bis(carboxy)-terminated 機能性ポリマー

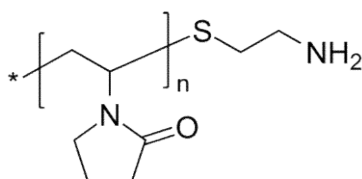
Poly(vinyl pyrrolidone), functionalized



P7340B-NVP2COOH	$M_n \times 10^3$: 4	Mw/Mn : 1.4	1g
P7111-2D-NVP2COOH	$M_n \times 10^3$: 4.2	Mw/Mn : 2.4	1g
P7111-3C-NVP2COOH	$M_n \times 10^3$: 4.4	Mw/Mn : 1.8	1g
P7111-2A-NVP2COOH	$M_n \times 10^3$: 4.5	Mw/Mn : 2.5	1g
P7110-4C-NVP2COOH	$M_n \times 10^3$: 5.3	Mw/Mn : 1.5	1g
P7111-2C-NVP2COOH	$M_n \times 10^3$: 6.2	Mw/Mn : 2.4	1g
P7111-2B-NVP2COOH	$M_n \times 10^3$: 7.4	Mw/Mn : 2.4	1g

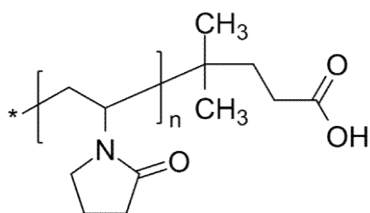
Poly(N-vinyl pyrrolidone), α -amino-terminated 機能性ポリマー

Poly(vinyl pyrrolidone), functionalized



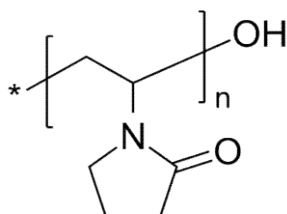
P14997A-NVPNH2	$M_n \times 10^3$: 1.8	Mw/Mn : 1.6	dialyzed	1g
P14997C-NVPNH2	$M_n \times 10^3$: 2	Mw/Mn : 1.5		1g
P14997F-NVPNH2	$M_n \times 10^3$: 2	Mw/Mn : 1.4	dialyzed	1g
P14652D-NVPNH2	$M_n \times 10^3$: 2.5	Mw/Mn : 1.8		1g
P14998B-NVPNH2	$M_n \times 10^3$: 2.5	Mw/Mn : 1.5	dialyzed	1g
P14998C-NVPNH2	$M_n \times 10^3$: 4.5	Mw/Mn : 1.5	dialyzed	1g
P14997G-NVPNH2	$M_n \times 10^3$: 4.6	Mw/Mn : 1.4	dialyzed	1g
P14997B-NVPNH2	$M_n \times 10^3$: 5	Mw/Mn : 1.4	dialyzed	1g
P14997E-NVPNH2	$M_n \times 10^3$: 5	Mw/Mn : 1.4		1g
P14997H-NVPNH2	$M_n \times 10^3$: 5	Mw/Mn : 1.4	dialyzed	1g
P14998F-NVPNH2	$M_n \times 10^3$: 5.5	Mw/Mn : 1.5	dialyzed	1g
P14652C-NVPNH2	$M_n \times 10^3$: 6.5	Mw/Mn : 1.7	dialyzed	1g
P14999A-NVPNH2	$M_n \times 10^3$: 8	Mw/Mn : 1.6		1g
P14999B-NVPNH2	$M_n \times 10^3$: 9	Mw/Mn : 1.7	dialyzed	1g
P14652A-NVPNH2	$M_n \times 10^3$: 10	Mw/Mn : 1.9	dialyzed	1g
P14997EE-NVPNH2	$M_n \times 10^3$: 10.5	Mw/Mn : 1.55	dialyzed	1g
P14652B-NVPNH2	$M_n \times 10^3$: 15	Mw/Mn : 1.5	dialyzed	1g
P14998A-NVPNH2	$M_n \times 10^3$: 15	Mw/Mn : 1.35	dialyzed	1g
P14999D-NVPNH2	$M_n \times 10^3$: 18	Mw/Mn : 1.55	dialyzed	1g

Poly(N-vinyl pyrrolidone), α -carboxy-terminated 機能性ポリマー
Poly(vinyl pyrrolidone), functionalized



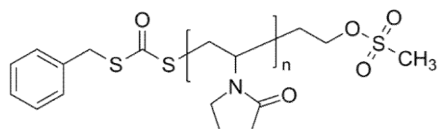
P7110-6-NVPCOOH	Mn x 10 ³ : 5.7	Mw/Mn : 1.7	1g
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Poly(N-vinyl pyrrolidone), α -hydroxy-terminated 機能性ポリマー
Poly(vinyl pyrrolidone), functionalized



P4889A-NVPOH	Mn x 10 ³ : 1.9	Mw/Mn : 1.6	1g
P4889-NVPOH	Mn x 10 ³ : 2.2	Mw/Mn : 1.6	1g
P7004A-NVPOH	Mn x 10 ³ : 9	Mw/Mn : 1.3	1g
P7016A-NVPOH	Mn x 10 ³ : 12	Mw/Mn : 1.2	1g
P4893-NVPOH	Mn x 10 ³ : 13	Mw/Mn : 1.6	1g

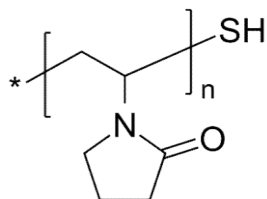
Poly(N-vinyl pyrrolidone), α -mesylate-terminated 機能性ポリマー
Poly(vinyl pyrrolidone), functionalized



P18235-NVP-mesylate	Mn x 10 ³ : 11	Mw/Mn : 1.2	1g
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Poly(N-vinyl pyrrolidone), ω -thiol-terminated 機能性ポリマー

Poly(vinyl pyrrolidone), functionalized



P7339B-NVPSH	$M_n \times 10^3$: 1.2	M_w/M_n : 1.4	$f=70\%$	1g
P7339A-NVPSH	$M_n \times 10^3$: 1.4	M_w/M_n : 1.2	$f=75\%$	1g
P7337-NVPSH	$M_n \times 10^3$: 1.5	M_w/M_n : 1.2	$f=60\%$	1g