

Drug Delivery System (DDS) Research Reagents

Phospholipids

DMPC (=1,2-Dimyristoyl- <i>sn</i> -glycero-3-phosphocholine) 200mg / 1g [D3924]	DMPG Sodium Salt (= Dimyristoylphosphatidylglycerol Sodium Salt) 1g [D3946]
L-DPPC (=1,2-Dipalmitoyl- <i>sn</i> -glycero-3-phosphocholine) 200mg / 1g [D3925]	DSPG Sodium Salt (= Dioctadecanoylphosphatidylglycerol Sodium Salt) 250mg [D5648]
DSPC (= 1,2-Distearoyl- <i>sn</i> -glycero-3-phosphocholine) 200mg / 1g [D3926]	DOPG Sodium Salt (= Dioleoylphosphatidylglycerol Sodium Salt) 250mg [D5318]
DOPC (= 1,2-Dioleoyl- <i>sn</i> -glycero-3-phosphocholine) 250mg / 1g [D4250]	POPG Sodium Salt (= 1-Palmitoyl-2-oleoylphosphatidylglycerol Sodium Salt) 250mg [P2522]
DEPC (= 1,2-Dierucoyl- <i>sn</i> -glycero-3-phosphocholine) 250mg [D5319]	1-Palmitoyl-<i>sn</i>-glycero-3-phosphocholine 250mg [P2694]
L-DMPE (= 1,2-Dimyristoyl- <i>sn</i> -glycero-3-phosphoethanolamine) 250mg [D4249]	1-Stearoyl-<i>sn</i>-glycero-3-phosphocholine 250mg [T3808]
L-DPPE (= 1,2-Dipalmitoyl- <i>sn</i> -glycero-3-phosphoethanolamine) 250mg [D4213]	DOP-DEDA 50mg [D5882]
DSPE (= 1,2-Distearoyl- <i>sn</i> -glycero-3-phosphoethanolamine) 250mg [D4214]	Methyl-PEG2000-DSPE 250mg [M3264]
DOPE (= 1,2-Dioleoyl- <i>sn</i> -glycero-3-phosphoethanolamine) 250mg [D4251]	MPEG2000-DSPE Sodium Salt 100mg [M3330]
	DSPE-PEG(2000)-Amine Ammonium Salt 10mg [D6011]
	Lecithin from Egg 25g / 100g [L0022]
	Lecithin from Soybean 25g / 500g [L0023]

Other Lipids

Cholesterol (>99%) 1g / 5g [C3624]	1-Octadecylguanidine Hydrochloride 1g / 5g [O0600]
DOTAP Methyl Sulfate 100mg [D5953]	Presome® ACD-1 100mg [P2807]

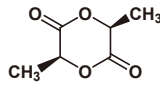
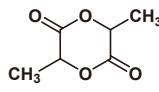
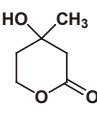
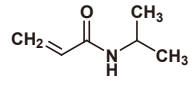
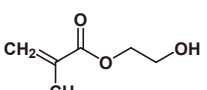
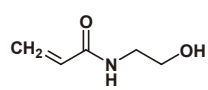
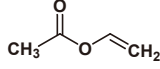
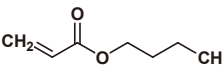
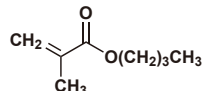
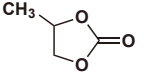
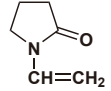
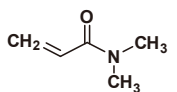
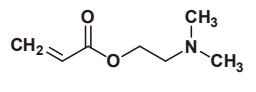
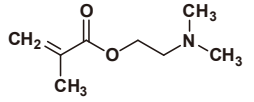
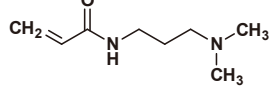
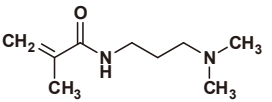
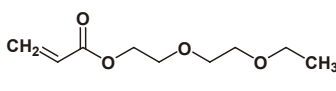
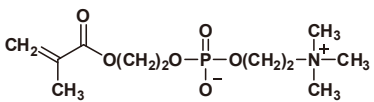
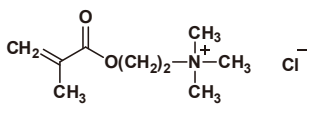
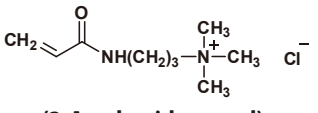
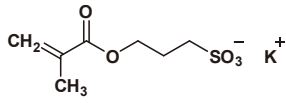
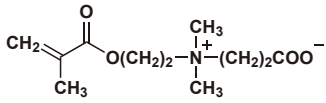
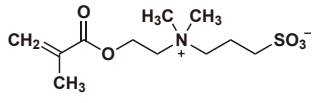
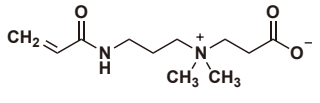
Natural Polymers

Hyaluronic Acid from Cockscomb 1g [H0595]	Methyl Cellulose (13-18mPa·s) 25g / 500g [M0290]
Hyaluronic Acid Sodium Salt from Cockscomb 100mg / 1g [H0603]	(20-30mPa·s) 25g / 500g [M0291]
Hyaluronic Acid Potassium Salt from Cockscomb 1g [H0652]	(80-120mPa·s) 25g / 500g [M0292]
Dermatan Sulfate Sodium Salt 20mg / 100mg [D3672]	(350-550mPa·s) 25g / 500g [M0293]
Chondroitin Sulfate Sodium Salt 25g / 100g [C0335]	(1,000-1,800mPa·s) 25g / 500g [M0294]
Heparin Sodium Salt from Hog intestine 100mg / 1g [H0393]	(3,500-5,600mPa·s) 25g / 500g [M0185]
Chitin 25g / 250g [C0072]	(7,000-10,000mPa·s) 25g / 500g [M0295]
Chitosan (5-20mPa·s, 0.5% in 0.5% Acetic Acid at 20°C) 25g / 100g / 500g [C2395]	Ethyl Cellulose (9-11mPa·s) 25g / 500g [E0265]
Chitosan (20-100mPa·s, 0.5% in 0.5% Acetic Acid at 20°C) 25g / 100g [C2396]	(18-22mPa·s) 25g / 500g [E0072]
Chitosan (200-600mPa·s, 0.5% in 0.5% Acetic Acid at 20°C) 25g / 500g [C0831]	(45-55mPa·s) 25g / 500g [E0266]
Alginate Acid 25g / 500g [A0733]	(90-110mPa·s) 25g / 500g [E0290]
Alginate Acid Calcium Salt 25g / 500g [A0738]	Hydroxyethyl Cellulose (200-300mPa·s) 25g / 500g [H0242]
Pectin from Citrus 25g / 500g [P0024]	(800-1,500mPa·s) 25g / 500g [H0418]
λ-Carrageenan (Low-viscosity) 1g / 5g [C2871]	(4,500-6,500mPa·s) 25g / 500g [H0392]
λ-Carrageenan (High-viscosity) 25g / 500g [C3313]	Hydroxypropyl Cellulose (3-6mPa·s) 25g / 500g [H0473]
κ-Carrageenan 25g / 500g [C1804]	(6-10mPa·s) 25g / 500g [H0474]
ι-Carrageenan 25g / 500g [C1805]	(150-400mPa·s) 25g / 500g [H0386]
Dextran 40 (Mw.=ca. 40,000) 25g / 100g / 500g [D1448]	(1,000-4,000mPa·s) 25g / 500g [H0475]
Dextran 70 (Mw.=ca. 70,000) 25g / 100g / 500g [D1449]	Carboxymethyl Cellulose Sodium Salt n≈500 25g / 500g [C0045]
Dextran Sulfate Sodium from Dextran of Mw. Approx. 8000 25g [D5143]	n≈1050 25g / 500g [C0603]
Dextran Sulfate Sodium from Dextran of Mw. Approx. 40000 5g / 25g [D5144]	Dextrin 100g / 500g [D4657]
Carboxymethyl dextran Sodium Salt (Mw.=ca. 10000) 1g / 5g [C3250]	Laminaran from <i>Eisenia bicyclis</i> 1g / 25g [L0088]
Carboxymethyl dextran Sodium Salt (Mw.=ca. 40000) 1g / 5g [C3251]	Pullulan 25g / 100g / 500g [P0978]

Polyethyleneglycols (PEG)

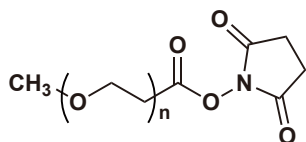
Polyethylene Glycol 200	25g / 500g [P0840]	Polyethylene Glycol Monomethyl Ether 400	100g / 500g [P2183]
Polyethylene Glycol 300	25g / 500g [H0543]	Polyethylene Glycol Monomethyl Ether 550	100g / 500g [P2184]
Polyethylene Glycol 400	25g / 500g [N0443]	Polyethylene Glycol Monomethyl Ether 1000	100g / 500g [P2185]
Polyethylene Glycol 600	25g / 500g [P1187]	Polyethylene Glycol Monomethyl Ether 2000	100g / 500g [P2186]
Polyethylene Glycol 2,000	25g / 500g [P2034]	Polyethylene Glycol Monomethyl Ether 4000	100g / 500g [P2187]
Polyethylene Glycol 4,000	25g / 500g [P0885]		
Polyethylene Glycol 6,000	25g / 500g [P0903]		

Monomers for Synthetic Polymers

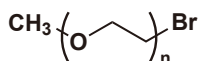
					
L-(-)-Lactide 25g / 250g [L0115]	DL-Lactide 25g / 100g [L0091]	DL-Mevalonolactone 100mg [D0587]	N-Isopropylacrylamide 25g / 100g / 500g [I0401]	2-Hydroxyethyl Methacrylate 25g / 500g [M0085]	N-(2-Hydroxyethyl)-acrylamide 25g / 500g [H1262]
					
γ-Butyrolactone 25mL / 500mL [B0767]	δ-Valerolactone 25g / 100g / 500g [V0039]	ε-Caprolactone 25mL / 500mL [C0702]	Vinyl Acetate Monomer 500mL [A0045]	Butyl Acrylate 25mL / 500mL [A0142]	Butyl Methacrylate 25mL / 500mL [M0081]
					
Propylene Carbonate 25g / 500g [P0525]	Trimethylene Carbonate 5g / 25g [D3821]	1-Vinyl-2-pyrrolidone 25mL / 500mL [V0026]	N,N-Dimethylacrylamide 25g / 500g [D1091]	Acrylic Acid 2-(Dimethylamino)ethyl Ester 25g / 100g / 500g [A1235]	
					
Methacrylic Acid 2-(Dimethylamino)-ethyl Ester 25mL / 100mL / 500mL [M0082]	N-[3-(Dimethylamino)-propyl]acrylamide 25g / 100g / 500g [D1785]	N-(3-Dimethylaminopropyl)-methacrylamide 25g / 100g / 500g [D1919]	Acrylic Acid 2-(2-Ethoxy-ethoxy)ethyl Ester 25g / 500g [E0652]		
					
2-Methacryloyloxyethyl Phosphorylcholine 1g / 5g / 25g [M2005]	Methacrylcholine Chloride (ca. 80% in Water) 25g / 500g [M0918]	(3-Acrylamidopropyl)-trimethylammonium Chloride (74-76% in Water) 25mL / 500mL [A1493]			
					
Methacrylic Acid 3-Sulfopropyl Ester Potassium Salt 25g / 100g / 500g [M1158]	3-[[2-(Methacryloyloxy)ethyl]-dimethylammonio]propionate 1g / 5g [M2359]	3-[[2-(Methacryloyloxy)ethyl]-dimethylammonio]propane-1-sulfonate 25g / 100g [M1971]	3-[[3-Acrylamidopropyl]-dimethylammonio]propanoate 1g / 5g [A3279]		

Drug Delivery System (DDS) Research Reagents

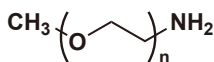
PEGylation Reagents



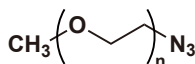
n=4 mPEG₄-NHS Ester 25mg [M2186]
n=8 mPEG₈-NHS Ester 25mg [M2187]
n=12 mPEG₁₂-NHS Ester 25mg [M2188]



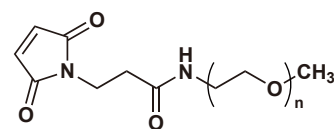
n=2 mPEG₂-Bromide 5g / 25g [B4736]
n=3 mPEG₃-Bromide 5g / 25g [D3831]
n=4 mPEG₄-Bromide 5g / 25g [T2634]



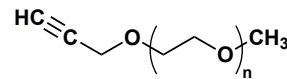
n=4 mPEG₄-Amine 100mg [M2501]
n=8 mPEG₈-Amine 50mg / 250mg [O0457]
n=24 mPEG₂₄-Amine 25mg / 100mg [M3048]



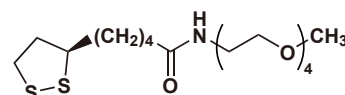
n=4 mPEG₄-Azide 25mg / 100mg [A2728]
n=8 mPEG₈-Azide 25mg / 100mg [A2727]
n=12 mPEG₁₂-Azide 25mg [M3049]
n=24 mPEG₂₄-Azide 25mg / 100mg [M3050]



n=12 mPEG₁₂-Maleimide 25mg [M3051]
n=24 mPEG₂₄-Maleimide 25mg [M3052]

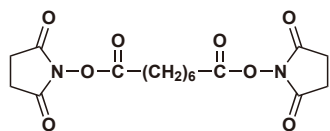


n=4 mPEG₄-Alkyne 25mg / 100mg [P2249]

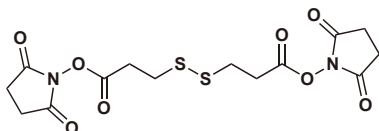


mPEG₄-(R)-Lipoamide 100mg [T3199]

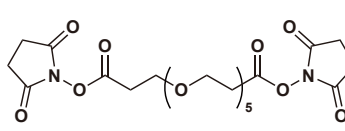
Cross-Linkers



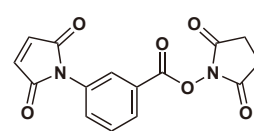
Suberic Acid Di(N-succinimidyl) Ester
 1g / 5g [D3895]



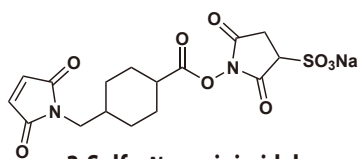
3,3'-Dithiodipropionic Acid Di(N-succinimidyl) Ester
 200mg / 1g / 5g [D2473]



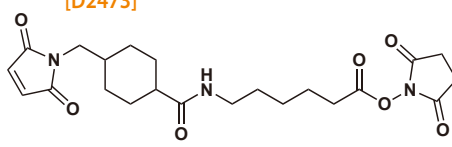
Bis(NHS)PEG₅
 100mg / 500mg [B3728]



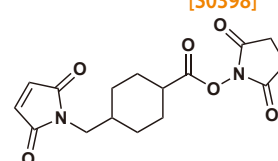
3-Maleimidobenzoic Acid N-Succinimidyl Ester
 100mg / 1g [S0398]



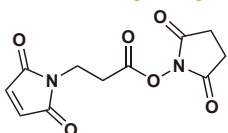
3-Sulfo-N-succinimidyl 4-(N-maleimidomethyl)-cyclohexane-1-carboxylate Sodium Salt
 20mg / 100mg [S0883]



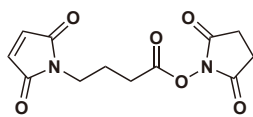
N-Succinimidyl 6-[[4-(N-maleimidomethyl)-cyclohexyl]carboxamido]hexanoate
 25mg [S0881]



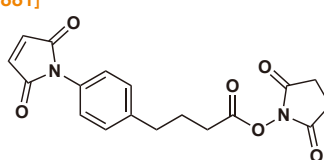
4-(N-maleimidomethyl)cyclohexane-carboxylic Acid N-Succinimidyl Ester
 100mg / 1g [S0853]



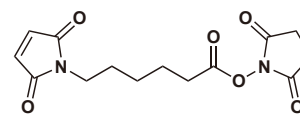
3-Maleimidopropionic Acid N-Succinimidyl Ester
 100mg / 1g / 5g [S0427]



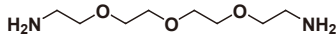
4-Maleimidobutyric Acid N-Succinimidyl Ester
 100mg / 1g / 5g / 25g [S0399]



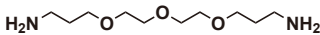
4-(4-maleimidophenyl)butyric Acid N-Succinimidyl Ester
 10mg [S0861]



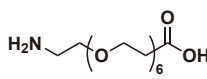
N-Succinimidyl 6-maleimidoheptanoate
 1g / 5g / 25g [S0428]



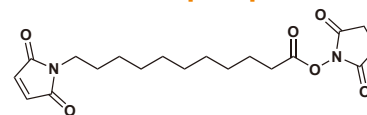
1,11-Diamino-3,6,9-trioxaundecane
 1g [D3664]



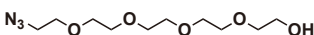
Diethylene Glycol Bis(3-aminopropyl) Ether
 25mL / 100mL / 500mL [D1571]



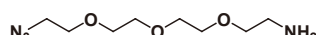
1-Amino-3,6,9,12,15,18-hexaoxahenicosan-21-oic Acid
 100mg / 500mg [A2526]



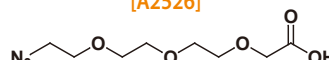
11-Maleimidoundecanoic Acid N-Succinimidyl Ester
 20mg / 100mg [S0882]



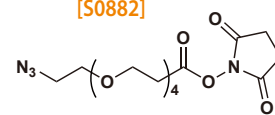
14-Azido-3,6,9,12-tetraoxatetradecanol
 100mg [A2500]



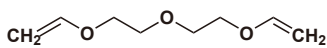
11-Azido-3,6,9-trioxaundecan-1-amine
 200mg / 1g / 5g [A2363]



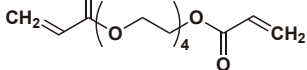
11-Azido-3,6,9-trioxaundecanoic Acid
 1g [A2293]



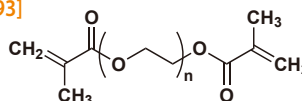
Azido-PEG₄-NHS Ester
 25mg [A2388]



Diethylene Glycol Divinyl Ether
 25mL / 100mL [D0498]



Tetraethylene Glycol Diacrylate
 25g / 500g [T1569]



n=1 Ethylene Glycol Dimethacrylate 25mL / 500mL [E0102]
n=2 Diethylene Glycol Dimethacrylate 25mL / 100mL / 500mL [D1530]
n=3 Triethylene Glycol Dimethacrylate 25mL / 500mL [T0948]

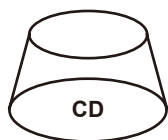
Drug Delivery System (DDS) Research Reagents

Synthetic Polymers

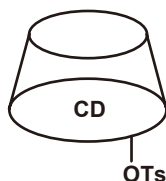
ULTROXA® Poly(2-methyl-2-oxazoline) (n=approx. 100)
ULTROXA® Poly(2-ethyl-2-oxazoline) (n=approx. 100)
ULTROXA® Poly(2-propyl-2-oxazoline) (n=approx. 100)
Polyvinylpyrrolidone K 15 Average Molecular Wt. 10,000
Polyvinylpyrrolidone K 30 Average Molecular Wt. 40,000
Polyvinylpyrrolidone K 90 Average Molecular Wt. 360,000
Polyethyleneimine (ca. 30% in Water)

200mg [P2506]
 500mg [P2507]
 200mg [P2508]
 25g / 100g / 500g [P0471]
 25g / 500g [P0472]
 25g / 500g [P0473]
 25g / 500g [P0381]

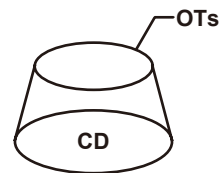
Cyclodextrins



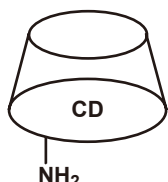
α-Cyclodextrin 10g / 25g / 100g [C0776]
β-Cyclodextrin 25g / 100g [C0777]
γ-Cyclodextrin 5g / 25g / 100g [C0869]



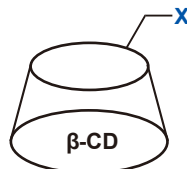
Mono-2-O-(p-toluenesulfonyl)-
α-cyclodextrin 200mg / 1g [M1956]
β-cyclodextrin 200mg / 1g [M1741]
γ-cyclodextrin 200mg / 1g [M1957]



Mono-6-O-(p-toluenesulfonyl)-
α-cyclodextrin 200mg / 1g [M1644]
β-cyclodextrin 1g [M3398]
γ-cyclodextrin 200mg [M1645]

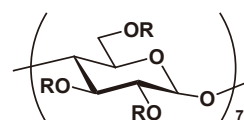


3A-Amino-3A-deoxy-(2AS,3AS)-
α-cyclodextrin 200mg / 1g [A2122]
β-cyclodextrin 200mg [A3512]



X=N₃
6A-Azido-6A-deoxy-β-cyclodextrin
 1g [A3454]

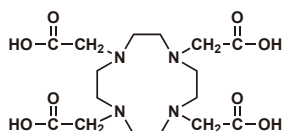
X=NH₂
6A-Amino-6A-deoxy-β-cyclodextrin
 1g [A3453]



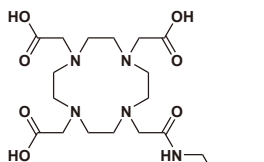
Methyl-β-cyclodextrin (mixture of several Methylated)
 25g / 250g [M1356]

Trimethyl-β-cyclodextrin 1g [T1094]
Hydroxypropyl-β-cyclodextrin
 25g / 100g [H0979]

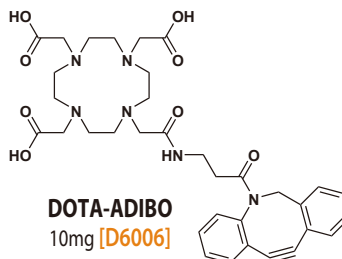
Chelating Agents



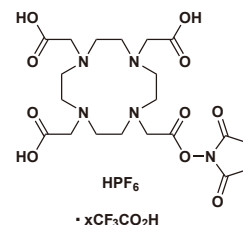
DOTA
 200mg / 1g [T1875]



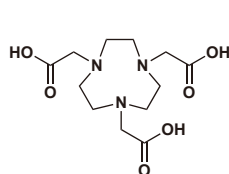
Azido-mono-amide-DOTA
 100mg [A3478]



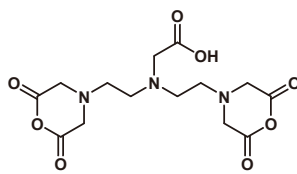
DOTA-ADIBO
 10mg [D6006]



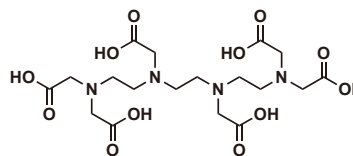
DOTA-NHS Hexafluorophosphate
Trifluoroacetate
 100mg [D6007]



NOTA
 200mg / 1g [T3910]



DTPA Dianhydride
 5g / 25g [D2424]



TTHA
 5g / 25g [T0806]

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