

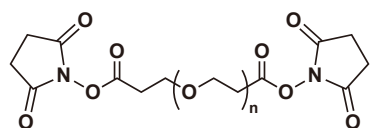
Cross-linkers

PEG Linkers

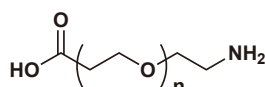
selection guide



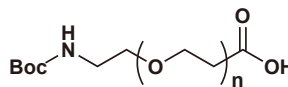
Target Group X	Target Group Y	PEG Linkers	
Amino	Amino	NHS Ester-(PEG) _n -NHS Ester	[B3728](PEG5) [B4688](PEG9)
	Carboxyl	Carboxyl Group-(PEG) _n -Amino Group	[A3120](PEG2) [A2526](PEG6)
		Carboxyl Group-(PEG) _n -Boc Amino Group	[B5665](PEG4) [B5651](PEG6)
		Carboxyl Group-(PEG) _n -Fmoc Amino Group	[F0719](PEG2) [F0999](PEG2) [F1183](PEG6)
	Thiol	NHS Ester-(PEG) _n -Maleimide Group	[M3079](PEG2)
		Carboxyl Group-(PEG) _n -Maleimide Group	[M2666](PEG4)
		NHS Ester-(PEG) _n -Protected Thiol Group	[N1119](PEG4)
NHS Ester-(PEG) _n -Azide Group		[A2388](PEG4)	
Alkyne Cyclooctyne	Carboxyl Group-(PEG) _n -Azide Group	[A3224](PEG2) [A2293](PEG3)	
	Azide	Carboxyl Group-(PEG) _n -Alkyne	[P2283](PEG5)
Carboxyl	Carboxyl	Amino Group-(PEG) _n -Amino Group	[B1431](PEG2) [D3664](PEG3) [T3198](PEG4) [D1571](PEG3)
	Azide	Amino Group-(PEG) _n -Alkyne	[P2225](PEG2)
	Azide	Amino Group-(PEG) _n -Cyclooctyne	[B4062](PEG2)
Other	Alkyne Cyclooctyne	Amino Group-(PEG) _n -Azide Group	[A3130](PEG2) [A2363](PEG3) [A3004](PEG4) [A3007](PEG11)
	Azide	Hydroxy Group-(PEG) _n -Alkyne	[D4580](PEG2) [T3114](PEG3)
	Alkyne / Cyclooctyne	Hydroxy Group-(PEG) _n -Azide Group	[A2294](PEG3) [A2500](PEG4)



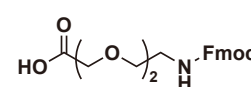
n=5 25mg / 100mg / 500mg [B3728]
n=9 25mg / 100mg [B4688]



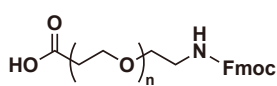
n=2 250mg / 1g [A3120]
n=6 100mg / 500g [A2526]



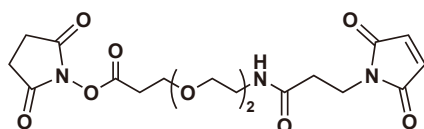
n=4 250mg / 1g [B5665]
n=6 250mg [B5651]



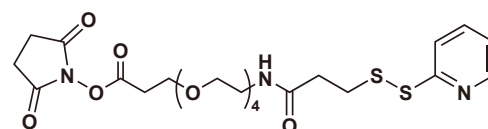
200mg / 1g [F0999]



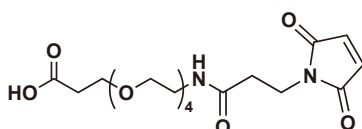
n=2 200mg / 1g [F0719]
n=6 250mg [F1183]



50mg / 250mg [M3079]



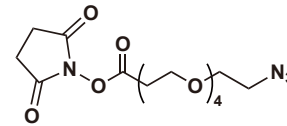
100mg [N1119]



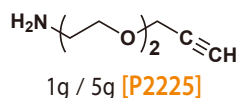
25mg / 100mg [M2666]



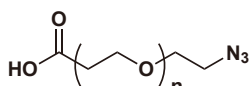
25mL / 100mL / 500mL [D1571]



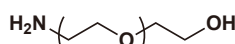
25mg [A2388]



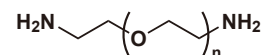
1g / 5g [P2225]



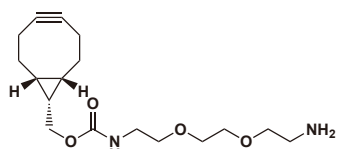
n=2 100mg [A3224]
n=3 1g [A2293]



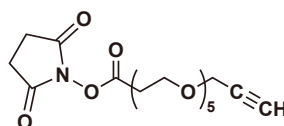
n=3 100mg [A2294]
n=4 100mg [A2500]



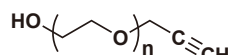
n=2 25g / 100g / 500g [B1431]
n=3 1g [D3664]
n=4 200mg / 1g [T3193]



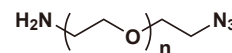
25mg / 100mg [B4062]



25mg [P2283]



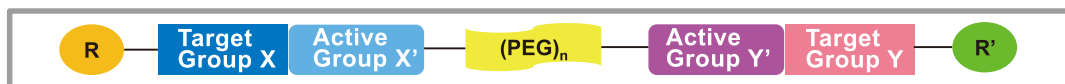
n=2 1g [D4580]
n=3 1g / 5g [T3114]



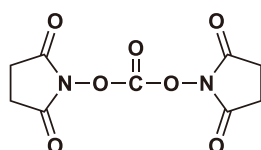
n=2 250mg / 1g [A3130]
n=3 200mg / 1g / 5g [A2363]
n=4 50mg / 250mg [A3004]
n=11 50mg / 250mg [A3007]

Bifunctional Linkers

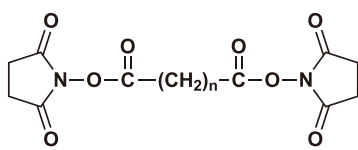
selection guide



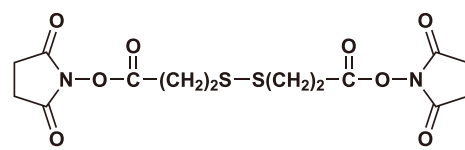
Target Group X	Target Group Y	Linkers	
Amino	Amino	NHS Ester-(Spacer)-NHS Ester	[D1662][D3895][D4019]
		NHS Ester-(Disulfide)-NHS Ester	[D2473]
		Carboxyl Group-(Disulfide)-Carboxyl Group	[D0945][D0947][D1757][D3670]
		Aldehyde Group-(Spacer)-Aldehyde Group	[G0067][G0068]
		Imide Ester-(Spacer)-Imide Ester	[A0806][P0892][S0246]
		Fluorobenzene-(Spacer)-Fluorobenzene	[D1649][D0536]
	Carboxyl	Carboxyl Group-(Spacer)-Amino Group	[G0099][A0180][A0282][A0663][A0312][A0311][A0932]
		NHS Ester-(Spacer)-Boc Amino Group	[B5684]
	Thiol	NHS Ester-(Spacer)-Maleimide Group	[S0427][S0399][S0861][S0882][S0853][S0883][S0398][S0861][S0881]
		Carboxyl Group-(Spacer)-Maleimide Group	[M1962][M2337][M2338][M3143]
		Carboxyl Group-(Spacer)-Thiol Group	[M0052]
		NHS Ester-(Spacer)-Protected Thiol Group	[S0431][S0859][S0819]
		Carboxyl Group-(Spacer)-Disulfide	[L0058]
		Carboxyl Group-(Spacer)-Alkyne/Cyclooctyne	[P0497][H0882][U0054][P2341]
Carboxyl Group-(Spacer)-Azide Group		[A2729]	
NHS Ester-(Spacer)-Acrylic Group		[S0814][S0812]	
Other	NHS Ester-(Spacer)-Other Group	[S0852][S0844][S0893]	
Carboxyl	Thiol	Amino Group-(Spacer)-Maleimide Group	[A2436]
	Azide	Amino Group-(Spacer)-Thiol Group	[A0648]
	Alkyne / Cyclooctyne	Amino Group-(Spacer)-Alkyne/Cyclooctyne	[P0911][A2763]
		Amino Group-(Spacer)-Azide Group	[A2738]
Aldehyde	Aldehyde	Hydrazide Group-(Spacer)-Hydrazide Group	[C0803][O0083][S0482][A0170][A0746][S0224][D2342]
	Thiol	Hydrazide Group-(Spacer)-Maleimide Group	[M2703][M2735]
Thiol	Thiol	Maleimide Group-(Spacer)-Maleimide Group	[B3805][E0482][B1787]
		Maleimide Group-(Disulfide)-Maleimide Group	[B5699]
	Azide	Maleimide Group-(Spacer)-Alkyne/Cyclooctyne	[D4739][P2139]
Azide	Other	Alkyne-(Spacer)-Hydroxy Group	[P0536][B0799][P0817][H0687][H1474][O0445][D3710][U0055]
		Cyclooctyne-(Spacer)-Hydroxy Group	[B5467]



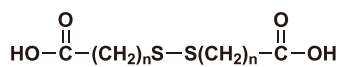
5g / 25g [D1662]



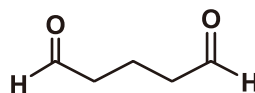
n=6 1g / 5g [D3895]
n=8 1g / 5g [D4019]



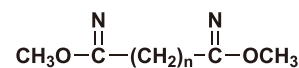
200mg / 1g / 5g [D2473]



n=1 25g [D0945]
n=2 25g / 100g / 500g [D0947]
n=3 (>95.0%) 5g / 25g [D1757]
n=3 (>99.0%) 1g [D3670]



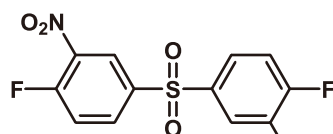
25mL / 500mL [G0067]
25mL / 500mL [G0068]



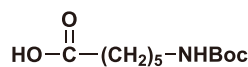
• 2HCl
n=4 5g / 25g [A0806]
n=5 5g / 25g [P0892]
n=6 5g / 25g [S0246]



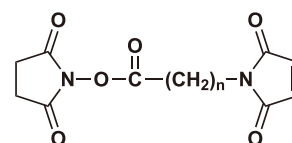
5g / 25g [D1649]



10g [D0536]

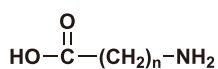


1g / 5g [B5684]

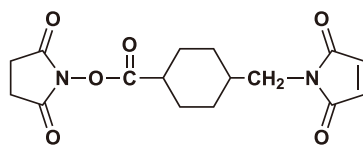


n=2 100mg / 1g / 5g [S0427]
n=3 100mg / 1g [S0399]
n=5 10mg [S0861]
n=10 20mg / 100mg [S0882]

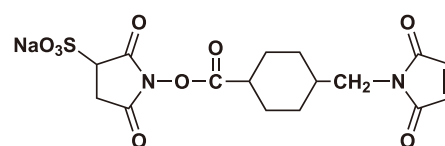
Cross-linkers



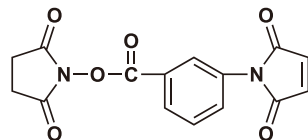
- n=1** 25g / 500g [G0099]
n=2 25g / 500g [A0180]
n=3 25g / 100g / 500g [A0282]
n=4 5g / 25g [A0663]
n=5 25g / 500g [A0312]
n=6 1g / 5g / 25g [A0311]
n=11 25g / 500g [A0932]



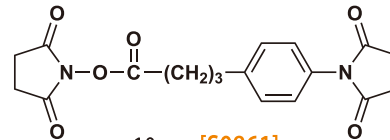
100mg / 1g [S0853]



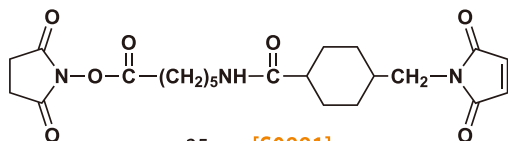
20mg / 100mg [S0883]



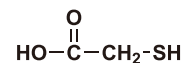
100mg / 1g [S0398]



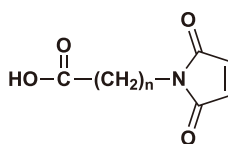
10mg [S0861]



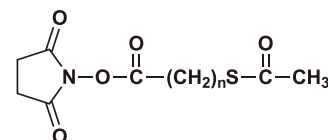
25mg [S0881]



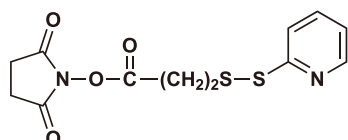
25g / 500g [M0052]



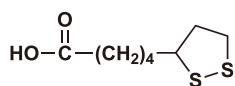
- n=1** 50mg / 250mg [M3143]
n=2 200mg / 1g / 5g [M1962]
n=3 1g / 5g [M2337]
n=5 1g / 5g [M2338]



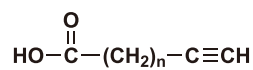
- n=1** 1g / 5g [S0431]
n=2 1g / 5g [B5684]



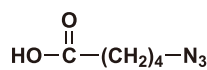
100mg / 1g / 5g [S0819]



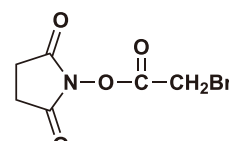
5g / 25g [L0058]



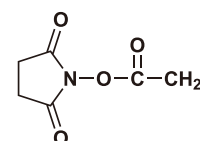
- n=0** 5g / 25g [P0497]
n=2 1g / 5g [P2341]
n=3 5g / 25g [H0882]
n=8 1g / 5g [U0054]



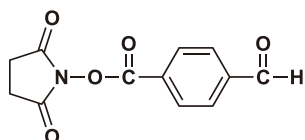
200mg [A2729]



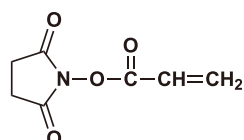
100mg [S0852]



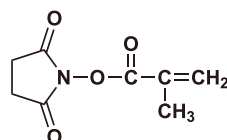
100mg [S0844]



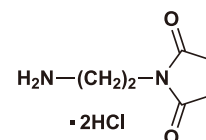
100mg [S0893]



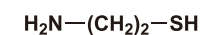
5g / 25g [S0814]



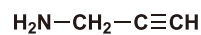
5g / 25g [S0812]



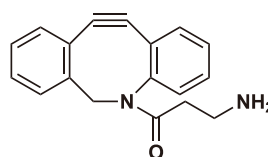
200mg / 1g [A2436]



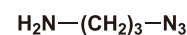
25g / 500g [A0648]



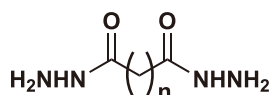
5mL / 25mL [P0911]



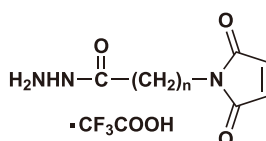
25mg / 100mg [A2763]



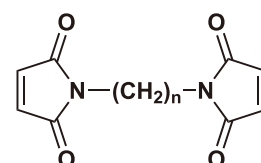
100mg [A2738]



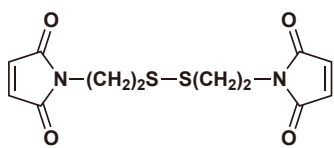
- n=0** 25g / 250g [O0083]
n=2 25g / 100g / 500g [S0482]
n=4 25g / 250g [A0170]
n=7 25g [A0746]
n=8 25g / 500g [S0224]
n=10 25g / 500g [D2342]



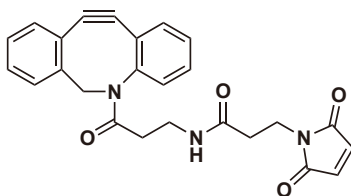
- n=2** 250mg / 1g [M2703]
n=5 50mg / 250mg [M2735]



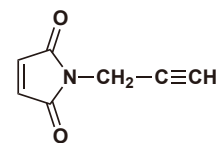
- n=2** 100mg [E0482]
n=4 100mg / 1g [B3805]
n=6 100mg [B1787]



25mg / 100mg [B5699]



25mg [D4739]



25mg / 100mg [P2139]

$\text{HC}\equiv\text{C}-(\text{CH}_2)_n-\text{OH}$

n=1 25mL / 100mL / 500mL [P0536]

n=2 5mL / 25mL [B0799]

n=3 5mL / 25mL [P0817]

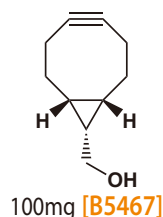
n=4 5mL / 25mL [H0687]

n=5 5mL [H1474]

n=6 1mL / 5mL [O0445]

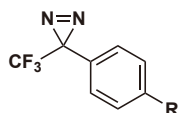
n=8 5g / 25g [D3710]

n=9 5g [U0055]



100mg [B5467]

Photo-reactive Linkers

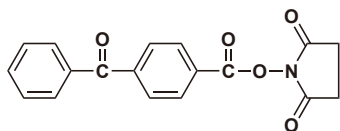


R=CH₂OH 200mg / 1g [T2818]

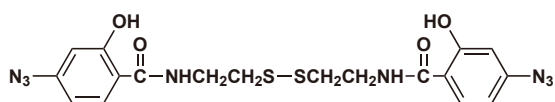
R=CH₂Br 200mg / 1g [T2819]

R=COOH 200mg / 1g [T2820]

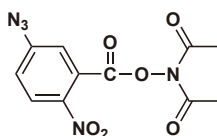
R=CH₂NH₂.HCl 200mg / 1g [T3448]



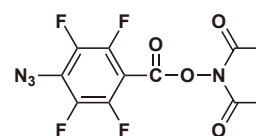
200mg / 1g [S0863]



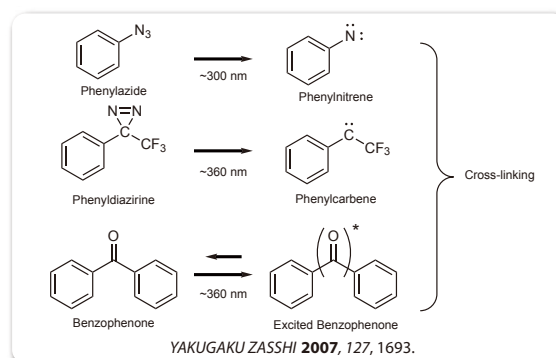
10mg [B3790]



10mg [S0860]



200mg / 1g [S0952]



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