

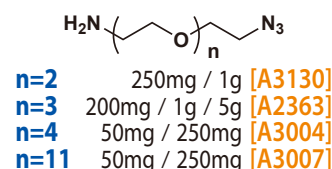
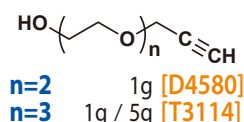
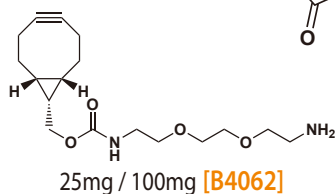
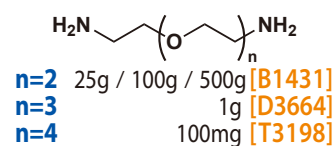
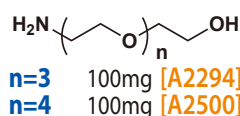
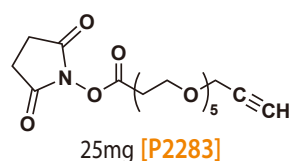
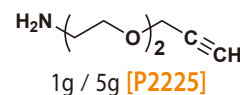
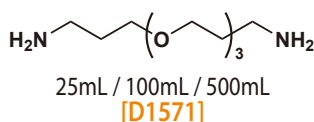
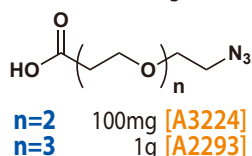
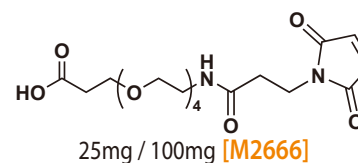
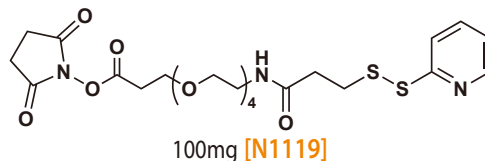
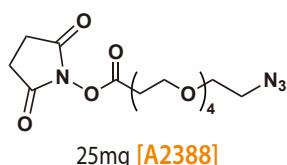
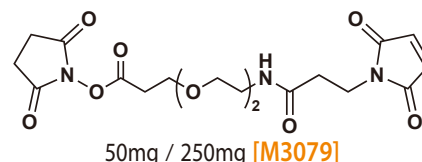
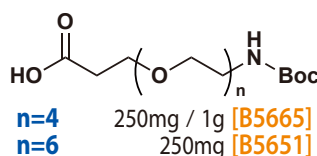
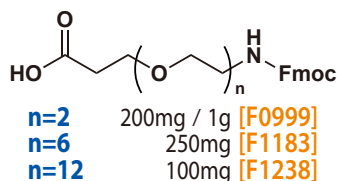
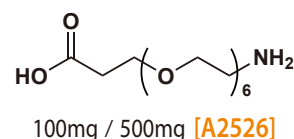
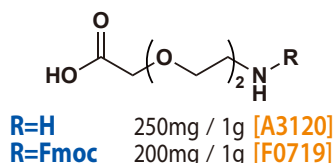
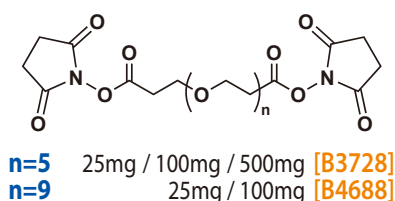
Cross-linkers

PEG Linkers

selection guide

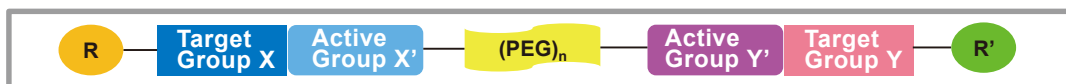


Target Group X	Target Group Y	PEG Linkers	
Amino	Amino	NHS Ester-(PEG) _n -NHS Ester	[B3728](PEG5) [B4688](PEG9)
	Carboxy	Carboxy Group-(PEG) _n -Amino Group	[A3120](PEG2) [A2526](PEG6)
		Carboxy Group-(PEG) _n -Boc Amino Group	[B5665](PEG4) [B5651](PEG6)
		Carboxy Group-(PEG) _n -Fmoc Amino Group	[F0719](PEG2) [F0999](PEG2) [F1183](PEG6) [F1238](PEG12)
	Thiol	NHS Ester-(PEG) _n -Maleimide Group	[M3079](PEG2)
		Carboxy Group-(PEG) _n -Maleimide Group	[M2666](PEG4)
		NHS Ester-(PEG) _n -Protected Thiol Group	[N1119](PEG4)
	Alkyne Cyclooctyne	NHS Ester-(PEG) _n -Azido Group	[A2388](PEG4)
		Carboxy Group-(PEG) _n -Azido Group	[A3224](PEG2) [A2293](PEG3)
	Azido	NHS Ester-(PEG) _n -Alkyne Carboxy	[P2283](PEG5)
Carboxy	Carboxy	Amino Group-(PEG) _n -Amino Group	[B1431](PEG2) [D3664](PEG3) [T3198](PEG4) [D1571](PEG3)
	Azido	Amino Group-(PEG) _n -Alkyne	[P2225](PEG2)
		Amino Group-(PEG) _n -Cyclooctyne	[B4062](PEG2)
	Alkyne Cyclooctyne	Amino Group-(PEG) _n -Azido Group	[A3130](PEG2) [A2363](PEG3) [A3004](PEG4) [A3007](PEG11)
Other	Azido Alkyne / Cyclooctyne	Hydroxy Group-(PEG) _n -Alkyne	[D4580](PEG2) [T3114](PEG3)
		Hydroxy Group-(PEG) _n -Azido Group	[A2294](PEG3) [A2500](PEG4)

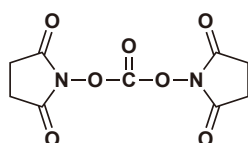


Bifunctional Linkers

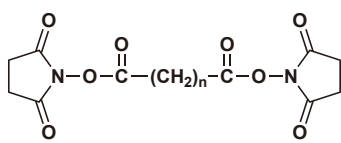
selection guide



Target Group X	Target Group Y	Linkers	
Amino	Amino	NHS Ester-(Spacer)-NHS Ester	[D1662][D3895][D4019]
		NHS Ester-(Disulfide)-NHS Ester	[D2473]
		Carboxy Group-(Disulfide)-Carboxy 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]
	Carboxy	Carboxy 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]
		Carboxy Group-(Spacer)-Maleimide Group	[M1962][M2337][M2338][M3143]
		Carboxy Group-(Spacer)-Thiol Group	[M0052]
		NHS Ester-(Spacer)-Protected Thiol Group	[S0431][S0859][S0819]
		Carboxy Group-(Spacer)-Disulfide	[L0058]
		NHS Ester-(Spacer)-Alkyne/Cyclooctyne	[B6275]
	Azido	Carboxy Group-(Spacer)-Alkyne/Cyclooctyne	[P0497][H0882][U0054][P2341]
		Carboxy Group-(Spacer)-Azido Group	[A2729]
	Alkyne / Cyclooctyne	NHS Ester-(Spacer)-Acrylic Group	[S0814][S0812]
		NHS Ester-(Spacer)-Other Group	[S0852][S0844][S0893]
	Other	Amino Group-(Spacer)-Maleimide Group	[A2436]
		Amino Group-(Spacer)-Thiol Group	[A0648]
Carboxy	Thiol	Amino Group-(Spacer)-Alkyne/Cyclooctyne	[P0911][A2763]
	Azido	Amino Group-(Spacer)-Azido Group	[A2738]
	Alkyne / Cyclooctyne		
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]
	Azido	Maleimide Group-(Spacer)-Alkyne/Cyclooctyne	[D4739][P2139]
Azido	Other	Alkyne-(Spacer)-Hydroxy Group	[P0536][B0799][P0817][H0687][H1474][O0445][D3710][U0055]
		Cyclooctyne-(Spacer)-Hydroxy Group	[B5467]

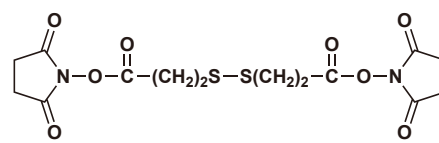


5g / 25g [D1662]

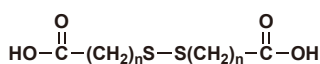


n=6
n=8

1g / 5g [D3895]
1g / 5g [D4019]

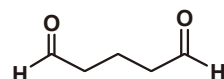


200mg / 1g / 5g [D2473]

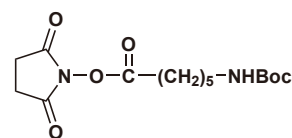


n=1
n=2
n=3 (>95.0%)
n=3 (>99.0%)

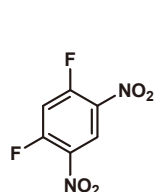
25g [D0945]
25g / 100g / 500g [D0947]
5g / 25g [D1757]
1g [D3670]



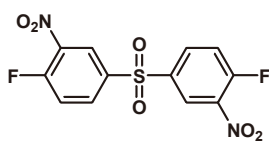
25mL / 500mL [G0067]
25mL / 500mL [G0068]



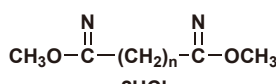
1g / 5g [B5684]



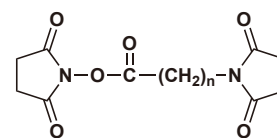
5g / 25g [D1649]



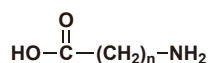
10g [D0536]



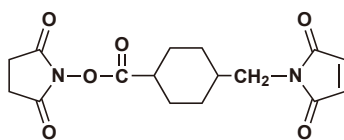
n=4
n=5
n=6
5g / 25g [A0806]
5g / 25g [P0892]
5g / 25g [S0246]



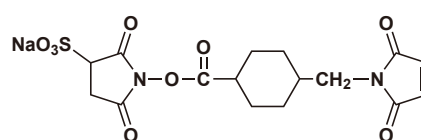
n=2
n=3
n=5
n=10
100mg / 1g / 5g [S0427]
100mg / 1g / 5g / 25g [S0399]
1g / 5g / 25g [S0428]
20mg / 100mg [S0882]



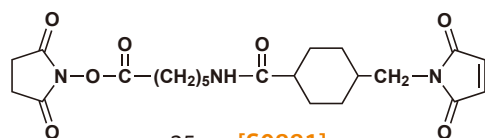
n=1 25g / 500g [G0099]
n=2 25g / 500g [A0180]
n=3 25g / 100g / 500g [A0282]
n=4 5g / 25g [A0663]
n=5 25g / 500g [A0312]
n=6 1g / 5g / 25g [A0311]
n=11 5g / 25g / 500g [A0932]



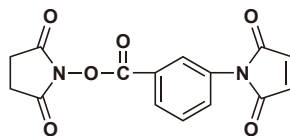
100mg / 1g [S0853]



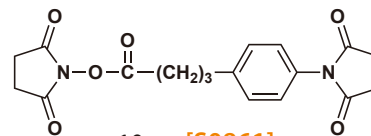
20mg / 100mg [S0883]



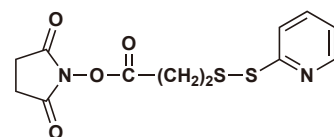
25mg [S0881]



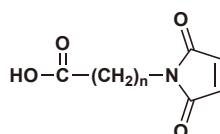
100mg / 1g [S0398]



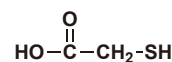
10mg [S0861]



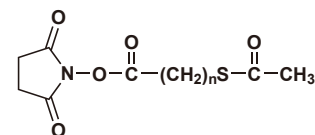
100mg / 250mg / 1g / 5g [S0819]



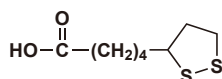
n=1 50mg / 250mg [M3143]
n=2 200mg / 1g / 5g [M1962]
n=3 1g / 5g [M2337]
n=5 1g / 5g [M2338]



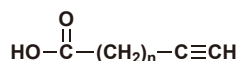
25g / 500g [M0052]



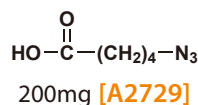
n=1 1g / 5g [S0431]
n=2 100mg [S0859]



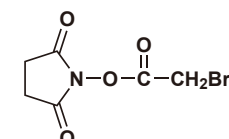
5g / 25g [L0058]



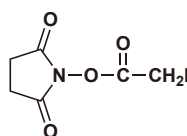
n=0 5g / 25g [P0497]
n=2 1g / 5g [P2341]
n=3 5g / 25g [H0882]
n=8 1g / 5g [U0054]



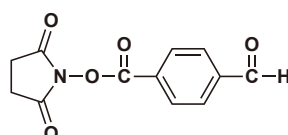
200mg [A2729]



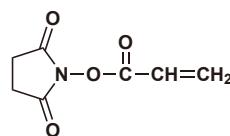
100mg [S0852]



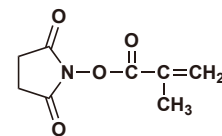
100mg [S0844]



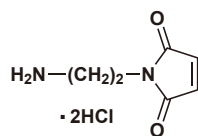
100mg [S0893]



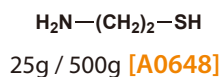
5g / 25g [S0814]



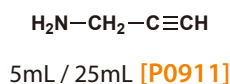
5g / 25g [S0812]



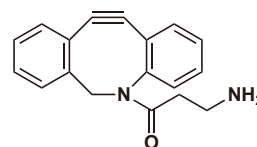
200mg / 1g [A2436]



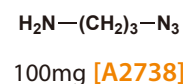
25g / 500g [A0648]



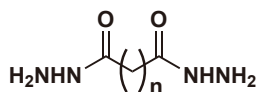
5mL / 25mL [P0911]



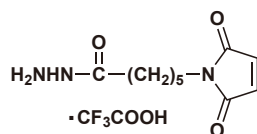
25mg / 100mg [A2763]



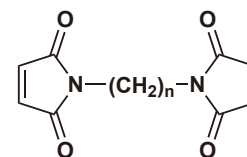
100mg [A2738]



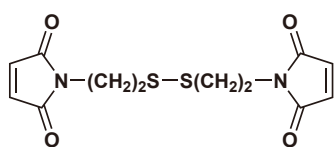
n=0 25g / 250g [O0083]
n=2 25g / 100g / 500g [S0482]
n=4 25g / 250g [A0170]
n=7 25g [A0746]
n=8 25g / 500g [S0224]
n=10 25g / 500g [D2342]



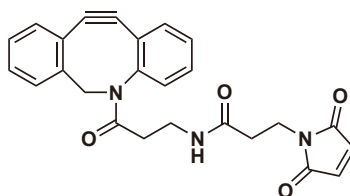
50mg / 250mg [M2735]



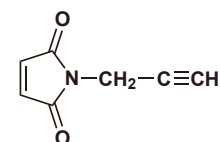
n=2 100mg [E0482]
n=4 100mg / 1g [B3805]
n=6 100mg [B1787]



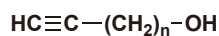
25mg / 100mg [B5699]



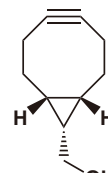
25mg [D4739]



25mg / 100mg [P2139]

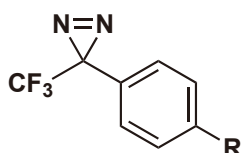


- | | | |
|------------|----------------------|---------|
| n=1 | 25mL / 100mL / 500mL | [P0536] |
| n=2 | 5mL / 25mL | [B0799] |
| n=3 | 5mL / 25mL | [P0817] |
| n=4 | 5mL / 25mL | [H0687] |
| n=5 | 5mL | [H1474] |
| n=6 | 1mL / 5mL | [O0445] |
| n=8 | 5g / 25g | [D3710] |
| n=9 | 5g | [U0055] |

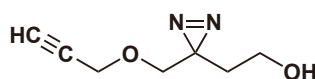


100mg [B5467]

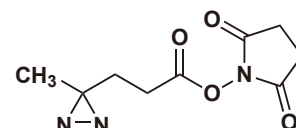
Photo-reactive Linkers



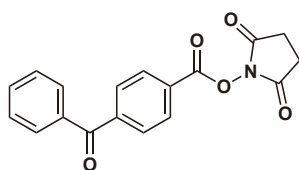
- | | | |
|---|------------|---------|
| R=CH₂OH | 200mg / 1g | [T2818] |
| R=CH₂Br | 200mg / 1g | [T2819] |
| R=COOH | 200mg / 1g | [T2820] |
| R=CH₂NH₂·HCl | 200mg / 1g | [T3448] |



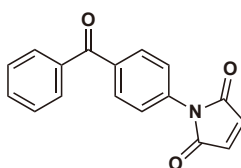
100mg [P2843]



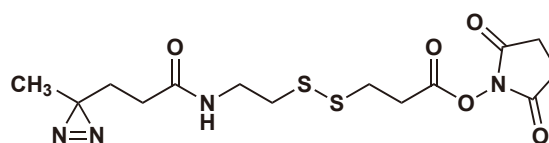
10mg [D5761]



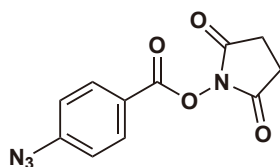
200mg / 1g [S0863]



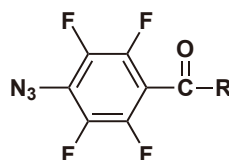
50mg / 250mg [M3259]



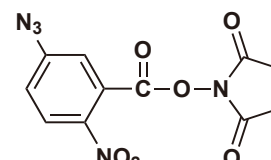
10mg [D5887]



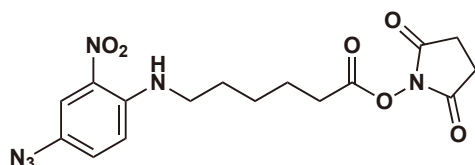
25mg / 100mg [H1760]



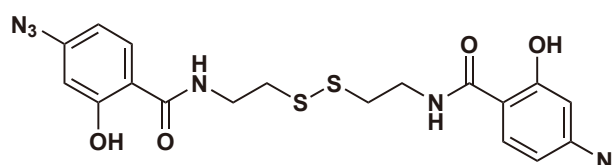
- | | | |
|--------------|------------|---------|
| R=OH | 1g | [A2674] |
| R=NHS | 200mg / 1g | [S0952] |



10mg [S0860]



25mg / 100mg [A3318]



10mg [B3790]

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