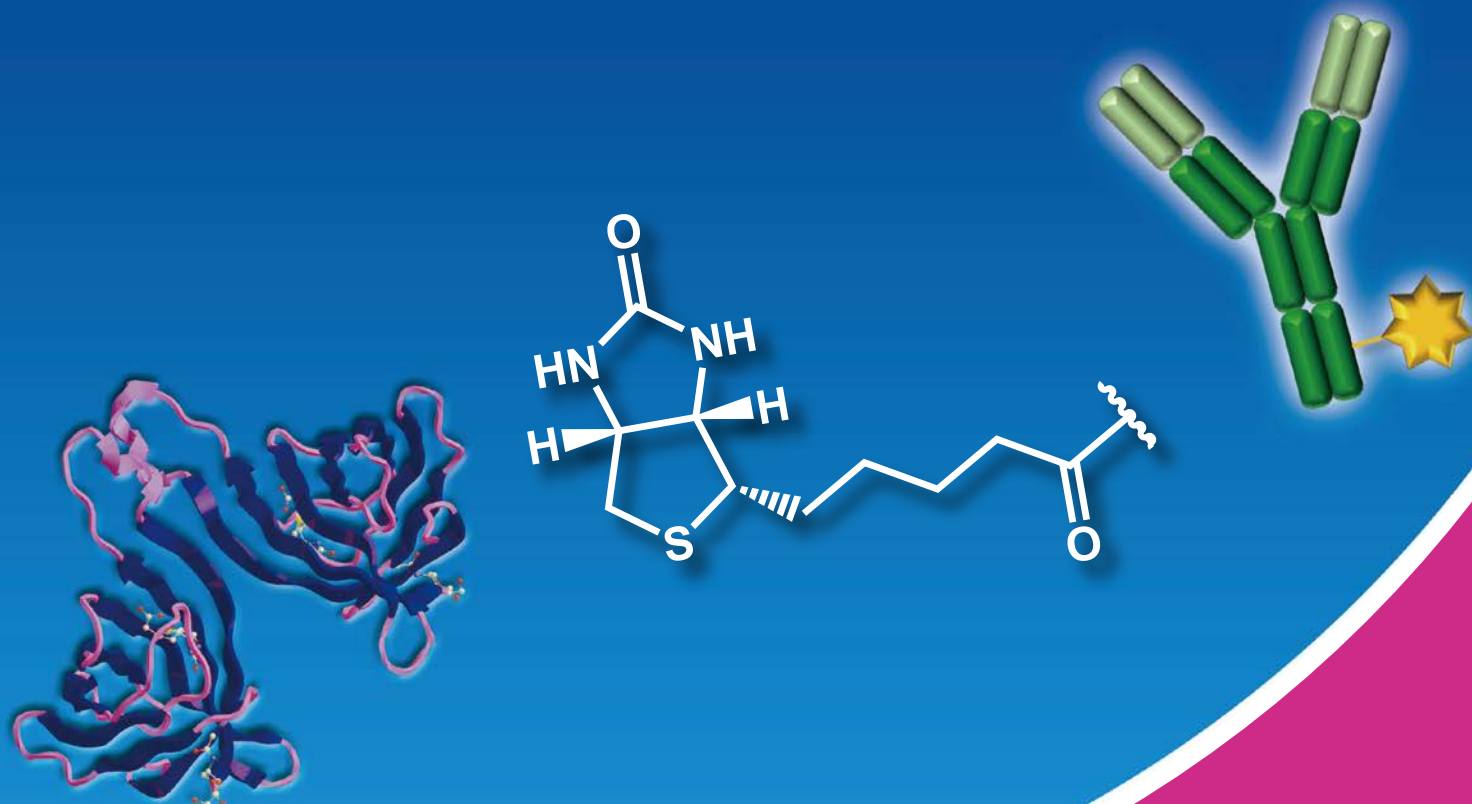


Bioconjugation Reagents

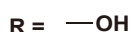
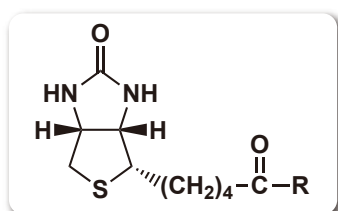


Bioconjugation is the formation of complexes by chemically bonding functional molecules to biomolecules such as DNA, RNA, proteins, lipids and sugars under mild conditions. The bioconjugated complexes are used to develop new methods, for example in drug discovery, ligand binding assays, disease diagnosis, and high-throughput screening. There have been many recent reports of the chemical modification of biomolecules with non-natural bioorthogonal functional groups such as azide.

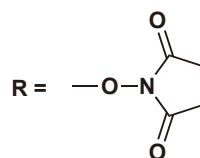
Biotinylation Reagents

The avidin-biotin system is widely used for bioanalysis and bioassays including flow cytometry, ELISA, immunohistochemical staining, western blotting and others. Biotin labeling (biotinylation) is also commonly used for conjugating proteins, especially antibodies, and other various molecules. Biotinylation is one of the most essential methods in the field of immunoassay where antigens are detected using antibodies. Streptavidin is a protein from the avidin family having extraordinarily high affinity for biotin, in fact, the interaction of biotin with streptavidin is among the strongest non-covalent affinities known in nature. In order to detect the biotinylated substance, modification of streptavidin with fluorescent label or enzyme is required. The biotinylated substance and the labeled-streptavidin are used in various assays based on the avidin-biotin system.

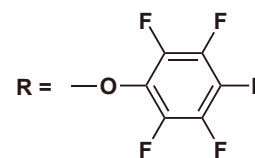
for Amino Group



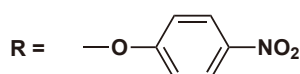
100mg / 1g / 5g
[B0463]



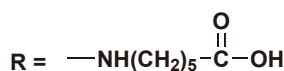
100mg / 1g
[S0491]



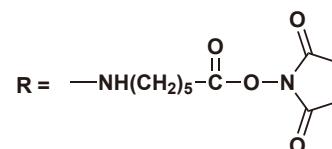
50mg / 250mg
[B3173]



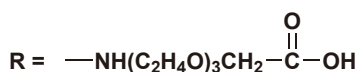
200mg [B4009]



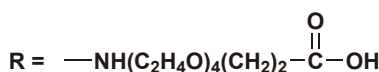
100mg [B2433]



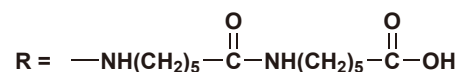
20mg / 100mg [S0490]



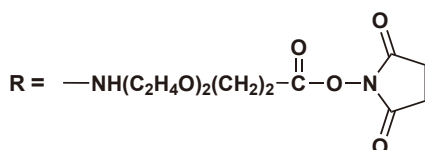
50mg [B5711]



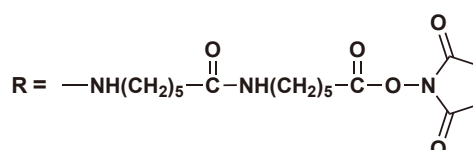
50mg / 250mg [B5562]



100mg / 500mg [B6207]

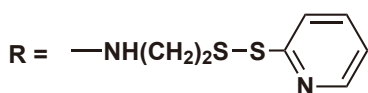


25mg / 100mg [S0955]
(2mgx5)/set [B6097]

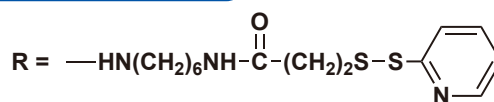


25mg / 100mg [S0956]
(2mgx5)/set [B6096]

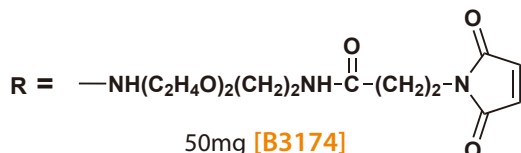
for Thiol Group



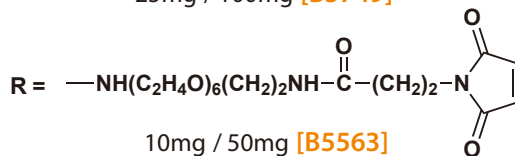
10mg / 50mg [P2471]



25mg / 100mg [B5749]



50mg [B3174]

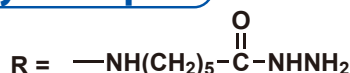


10mg / 50mg [B5563]

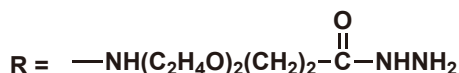
for Aldehyde or Carbonyl Group



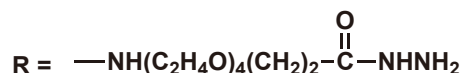
25mg / 100mg [B2431]



25mg / 100mg [H1071]



10mg / 50mg [B5577]



10mg / 50mg [B5578]

for Carboxy Group



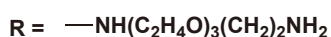
50mg / 250mg [A3131]



25mg / 100mg [A3155]



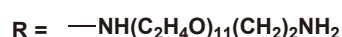
25mg / 100mg [B3171]



25mg / 100mg [B3172]



10mg / 50mg [B5560]

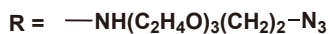


10mg / 50mg [B5565]

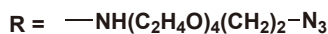
for Click Chemistry



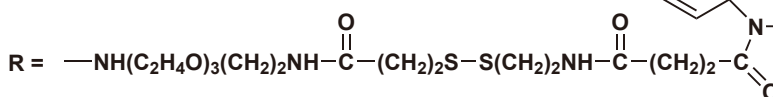
100mg [A2524]
(2mg×5)/set [A3420]



100mg [A2523]
(2mg×5)/set [B6265]

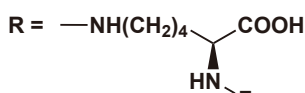


100mg [B5546]
(2mg×5)/set [B6266]

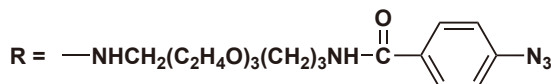


25mg [D5552]

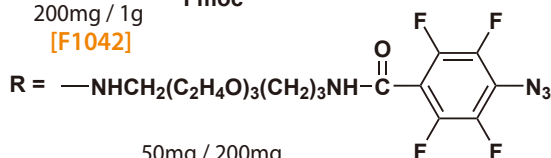
for Others



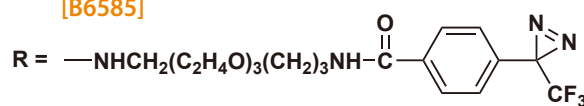
200mg / 1g
[F1042]



50mg / 200mg
[B6585]



50mg / 200mg
[B6580]



50mg / 200mg
[B6572]

Desthiobiotinylation Reagents

Azide-PEG₃-Desthiobiotin

10mg [A3202]

Hydrazide-PEG₄-Desthiobiotin

25mg [H1667]

Avidins

Streptavidin from *Streptomyces avidinii*

Streptavidin HRP Conjugate

Streptavidin FITC Conjugate

Streptavidin R-PE Conjugate

Streptavidin DTBTA-Eu³⁺ Conjugate

Streptavidin Maleimide Conjugate

1mg/vial [S0951]

0.1mg/vial [S0972]

0.1mg/vial [S0966]

0.1mg/vial [T3885]

0.1mg/vial [S0993]

0.5mg/vial [T3531]

*S0972, S0966, T3885, S0993 and T3531 are unavailable in China.

Biotin Conjugates

Goat Anti-Mouse IgG Biotin Conjugate

Goat Anti-Mouse IgM Biotin Conjugate

Goat Anti-Rabbit IgG Biotin Conjugate*

Sheep Anti-Chicken IgY Biotin Conjugate

Mouse Anti-Human IgG Fc Biotin Conjugate

Anti-Protein A Chicken Polyclonal Antibody Biotin Conjugate

Anti-6xHis Monoclonal Antibody (6A12) Biotin Conjugate

Anti-Endo-M Polyclonal Antibody Biotin Conjugate

Anti-αGal Polyclonal Antibody Biotin Conjugate

Anti-NeuGc Polyclonal Antibody Biotin Conjugate

Anti-Gb₃ Monoclonal Antibody Biotin Conjugate

Anti-GST Monoclonal Antibody Biotin Conjugate

Protein A Biotin Conjugate

AOL (*Aspergillus oryzae* L-fucose-specific lectin)-Biotin Conjugate

0.1mg/vial [G0387]

0.1mg/vial [G0432]

0.1mg/vial [G0597]

0.1mg/vial [H1619]

0.1mg/vial [M3053]

0.05mg/vial [A3045]

0.05mg/vial [A3010]

0.1mg/vial [A2959]

0.05mg/vial [A3144]

0.05mg/vial [A3294]

0.05mg/vial [A2822]

0.05mg/vial [A3226]

1mg/vial [P2407]

1mL [A2659]

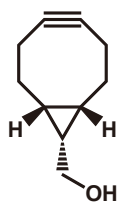
*G0387, G0432, G0597, H1619, A3045, A3144 and A3294 are unavailable in the U.S. and China.

*M3053, A2959, A2822, A3226, and P2407 are also unavailable in China.

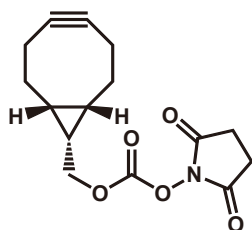
*G0597 is the successor to Anti-Rabbit IgG Biotin Conjugate (Product Number: G0389). Please use G0597 alternatively if you have used G0389.

Crosslinkers for Copper-free Click Chemistry

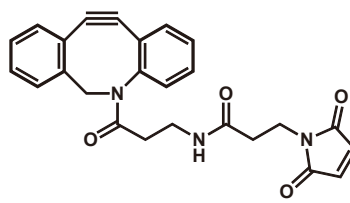
Click reaction to azides proceeds without copper(I) species because these reagents have a strained structure with cyclooctyne.



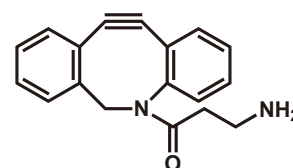
BCN-OH
100mg
[B5467]



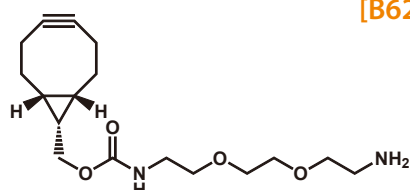
BCN-CO-NHS
10mg / 100mg
[B6275]
1set(2mgx5)
[B6215]



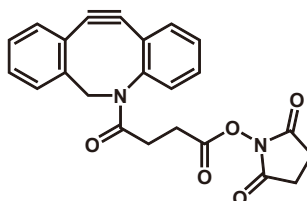
DBCO-maleimide
25mg
[D4739]
1set(2mgx5)
[D5849]



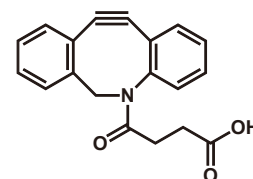
DBCO-amine
25mg / 100mg
[A2763]



BCN-POE₃-NH₂
25mg / 100mg
[B4062]



DBCO-NHS Ester
25mg
[D5999]
1set(2mgx5)
[D6280]



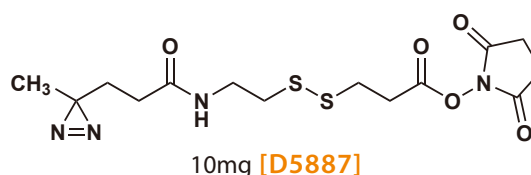
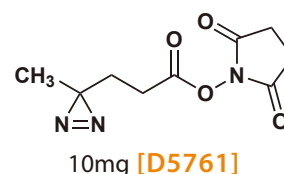
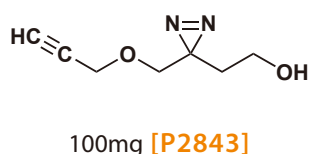
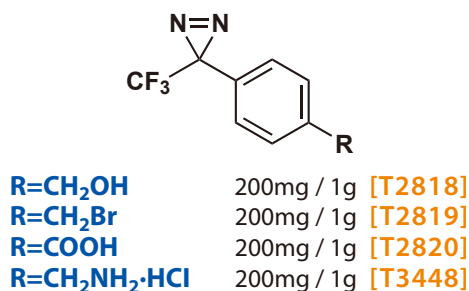
DBCO-Acid
250mg
[D5677]

*A2763, D5922, D6280 and D5849 are unavailable in the U.S.

Photo-reactive Crosslinkers

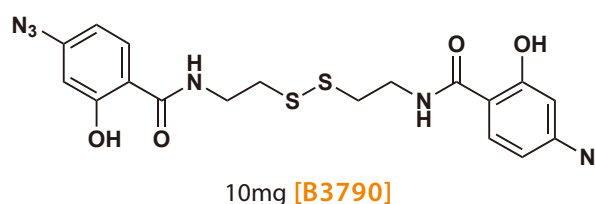
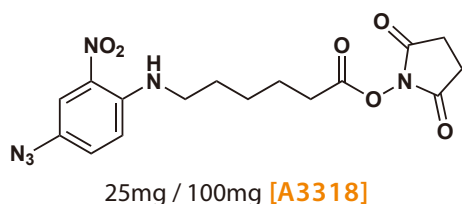
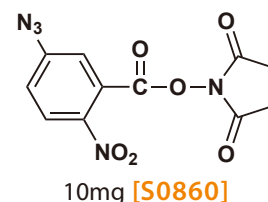
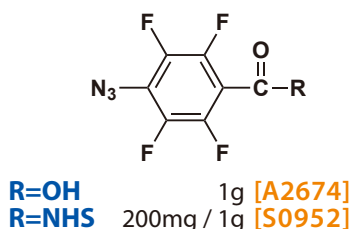
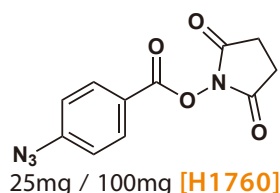
Diazirines

Phenyldiazirine generates a carbene unit by UV irradiation (<360 nm). Phenylcarbene can crosslink by short-time irradiation due to higher reactivity than nitrenes. Phenylcarbene is inactivated by water when neighboring target molecules are absent, and thus does not lead to non-specific crosslinking.



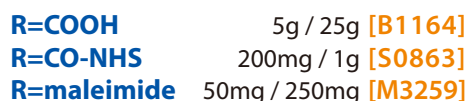
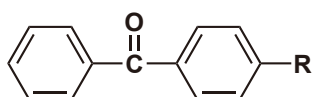
Phenylazides

Phenylazide generates a nitrene by UV irradiation (<300 nm). It is noted that azido groups tend to have less harmful effect on target analyte. Activation of the nitrene requires a shorter wavelength of UV light, and potential protein denaturation during long-period irradiation should be taken into consideration.



Benzophenones

Benzophenone excited by UV irradiation (near 360 nm) to induce hydrogen abstraction from target molecules. The reaction efficiency remains high despite this due to the reverseability of the excited state. Additionally, photoexcited benzophenone is not water-reactive.



PEGylation Reagents

Applicable to the preparation of PEGylated antibodies, antibody-drug conjugates, etc.

Selection Guide



Target Group	PEGylation Reagents		
Amino	NHS Ester - (PEG) _n		n=4 25mg [M2186]
			n=8 25mg [M2187]
			n=12 25mg [M2188]
Carboxy	Amino Group - (PEG) _n		n=4 100mg [M2501]
			n=8 50mg / 250mg [O0457]
			n=24 25mg / 100mg [M3048]
Thiol	Maleimide Group - (PEG) _n		n=12 25mg [M3051]
			n=24 25mg [M3052]
	Disulfide Group - (PEG) _n		n=4 100mg [T3199]
Azido	Alkynyl Group - (PEG) _n		n=4 25mg / 100mg [P2249]
Alkyne / Cyclooctyne	Azido Group - (PEG) _n		n=4 25mg / 100mg [A2728]
			n=8 25mg / 100mg [A2727]
			n=12 25mg [M3049]
			n=24 25mg / 100mg [M3050]
Amino, etc.	Bromo Group - (PEG) _n		n=2 5g / 25g [B4736]
			n=3 5g / 25g [D3831]
			n=4 5g / 25g [T2634]
Other	Hydroxy Group - (PEG) _n		n=2 25mL / 500mL [M0537]
			n=3 25mL / 500mL [T0709]
			n=4 5g / 25g [T1372]
			n=5 1g / 5g [P1159]
			n=6 1g / 5g / 25g [H0808]
			n=7 1g / 5g [H1046]
			n=8 1g / 5g [O0296]
			n=9 500mg / 1g [N0699]
			n=12 100mg / 1g [D2904]

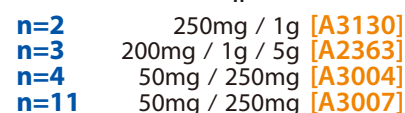
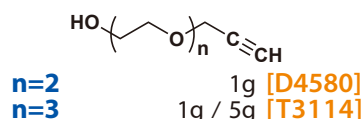
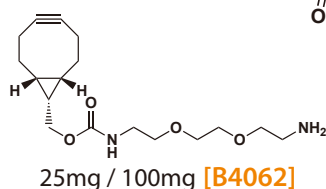
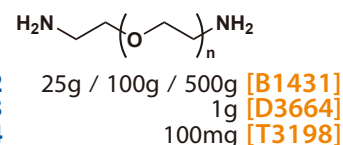
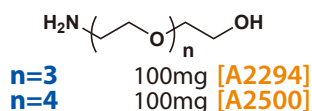
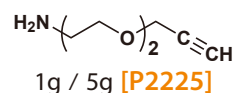
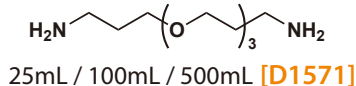
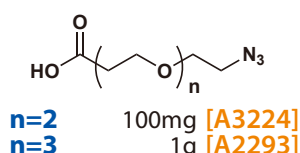
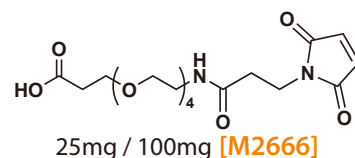
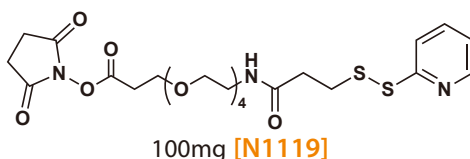
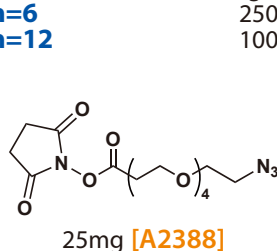
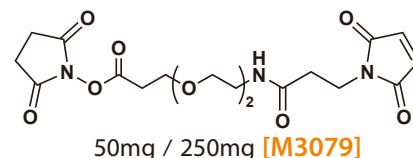
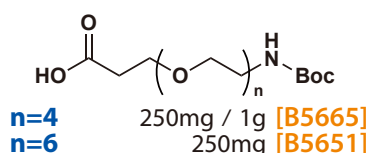
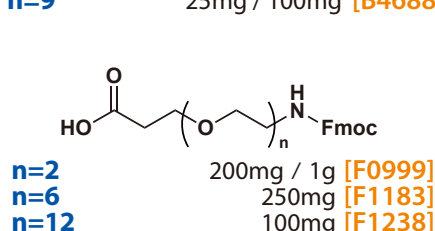
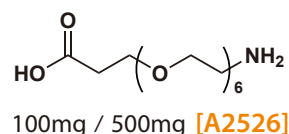
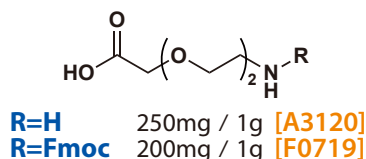
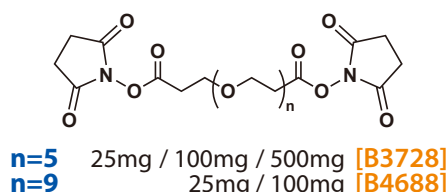
For Laboratory Use, Research Purposes Only.

PEG Linkers

selection guide

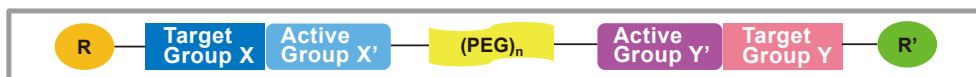


Target Group X	Target Group Y	PEG Linkers	
Amino	Amino	NHS Ester-(PEG) _n -NHS Ester	[B3728](PEG5) [B4688](PEG9)
	Carboxy	Carboxy Group-(PEG) _n -Amino Group	[A3120](PEG2) [A2526](PEG6)
		Carboxy Group-(PEG) _n -Boc Amino Group	[B5665](PEG4) [B5651](PEG6)
		Carboxy Group-(PEG) _n -Fmoc Amino Group	[F0719](PEG2) [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)
Carboxy	Azido	Carboxy Group-(PEG) _n -Alkyne	[P2283](PEG5)
	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)
Other	Alkyne Cyclooctyne	Amino Group-(PEG) _n -Azido Group	[A3130](PEG2) [A2363](PEG3) [A3004](PEG4)
			[A3007](PEG11)
	Azido	Hydroxy Group-(PEG) _n -Alkyne	[D4580](PEG2) [T3114](PEG3)
	Alkyne / Cyclooctyne	Hydroxy Group-(PEG) _n -Azido Group	[A2294](PEG3) [A2500](PEG4)

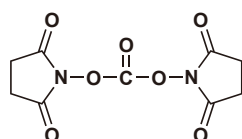


Bifunctional Linkers

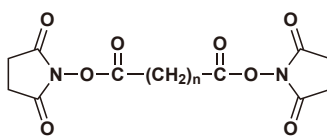
selection guide



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][S0428][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]
	Azido	Carboxy Group-(Spacer)-Disulfide	[L0058]
		Carboxy Group-(Spacer)-Alkyne/Cyclooctyne	[P0497][H0882][U0054][P2341]
	Alkyne / Cyclooctyne	Carboxy Group-(Spacer)-Azido Group	[A2729]
		NHS Ester-(Spacer)-Acrylic Group	[S0814][S0812]
Carboxy	Thiol	NHS Ester-(Spacer)-Other Group	[S0852][S0844][S0893]
		Amino Group-(Spacer)-Maleimide Group	[A2436]
	Azido	Amino Group-(Spacer)-Thiol Group	[A0648]
		Amino Group-(Spacer)-Alkyne/Cyclooctyne	[P0911][A2763]
Aldehyde	Aldehyde	Amino Group-(Spacer)-Azido Group	[A2738]
	Thiol	Hydrazide Group-(Spacer)-Hydrazide Group	[C0803][O0083][S0482][A0170][A0746][S0224][D2342]
Thiol	Thiol	Hydrazide Group-(Spacer)-Maleimide Group	[M2735]
		Maleimide Group-(Spacer)-Maleimide Group	[B3805][E0482][B1787]
	Azido	Maleimide Group-(Disulfide)-Maleimide Group	[B5699]
Azido	Other	Maleimide Group-(Spacer)-Alkyne/Cyclooctyne	[D4739][P2139]
		Alkyne-(Spacer)-Hydroxy Group	[P0536][B0799][P0817][H0687][H1474][O0445][D3710][U0055]
		Cyclooctyne-(Spacer)-Hydroxy Group	[B5467]

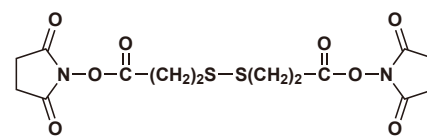


5g / 25g [D1662]

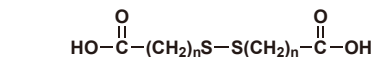


n=6
n=8

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

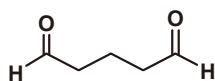


200mg / 1g / 5g [D2473]

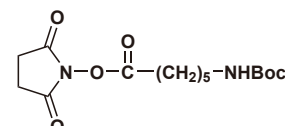


n=1
n=2
n=3 (>95.0%)
n=3 (>99.0%)

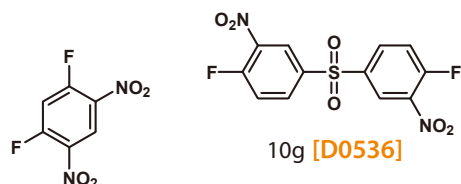
25g [D0945]
25g / 100g / 500g [D0947]
5g / 25g [D1757]
1g [D3670]



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

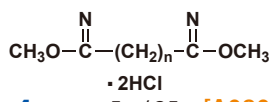


1g / 5g [B5684]



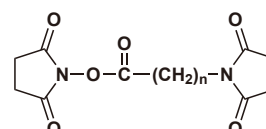
5g / 25g [D1649]

10g [D0536]



n=4
n=5
n=6

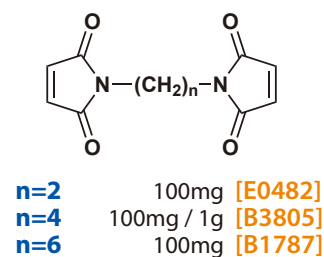
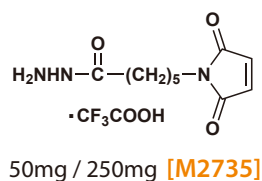
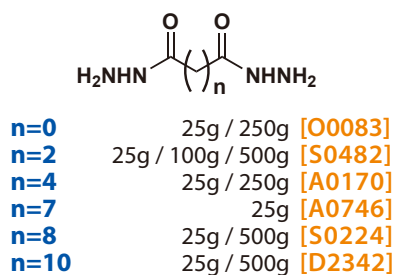
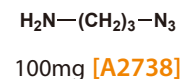
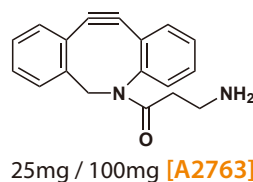
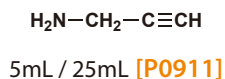
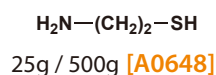
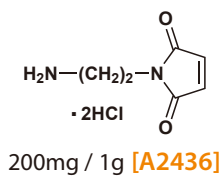
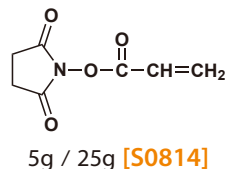
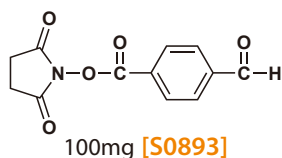
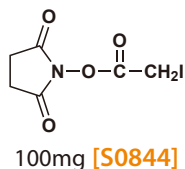
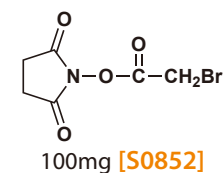
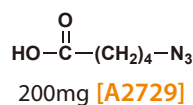
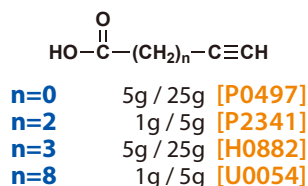
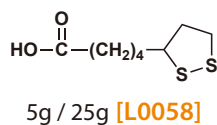
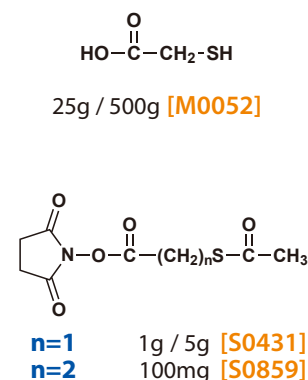
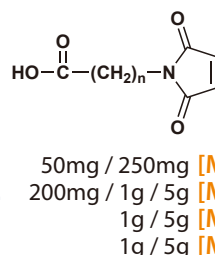
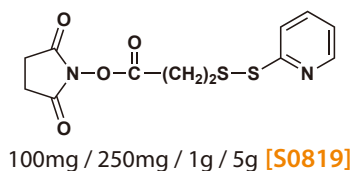
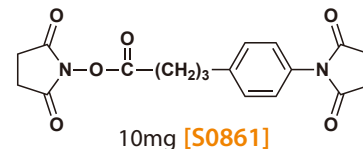
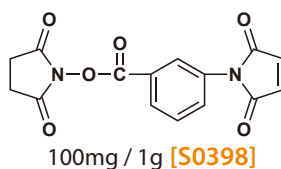
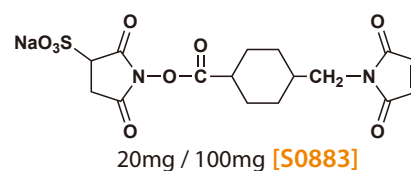
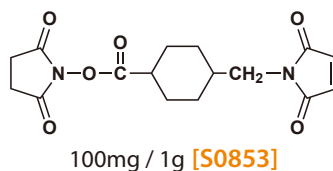
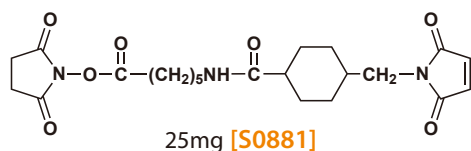
5g / 25g [A0806]
5g / 25g [P0892]
5g / 25g [S0246]



n=2
n=3
n=5

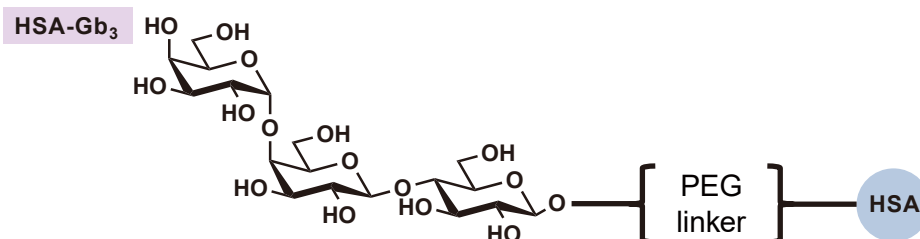
100mg / 1g / 5g [S0427]
100mg / 1g / 5g / 25g [S0399]
100mg / 1g / 5g / 25g [S0428]

$\text{HO}-\text{C}(=\text{O})-(\text{CH}_2)_n-\text{NH}_2$
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]



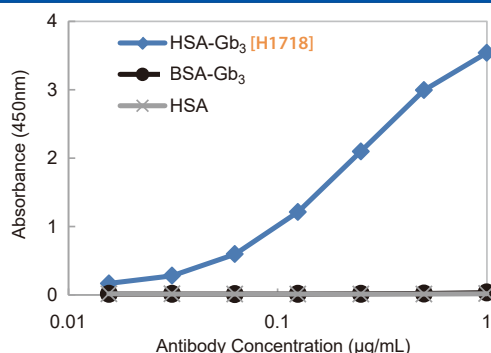
Protein-Oligosaccharide Conjugates

TCI offers carbohydrate-conjugated human serum albumin (HSA) which is manufactured using high-purity synthesized carbohydrates. Several sugar-conjugates are available, and it is also possible to manufacture the sugar-conjugates according to customer specifications. For more details on the products and contracts, please contact us.



HSA-Gb ₃	0.1mg/vial	[H1718]
HSA-Gb ₅	0.1mg/vial	[H1777]
HSA-Lewis X	0.1mg/vial	[H1719]
HSA-Sialyl Lewis X	0.1mg/vial	[H1730]
HSA-GM ₁ Pentasaccharide	0.1mg/vial	[H1767]
HSA-Globo-H	0.1mg/vial	[H1794]
HSA-L1-L1	0.1mg/vial	[H1782]

HSA-Gb₃ is a useful tool for the discovery and characterization of globotriose (Gb₃)-binding substances.



Anti-Gb₃ monoclonal antibody satisfactorily reacts with HSA-Gb₃, but not with BSA conjugated to Gb₃ by reductive amination.

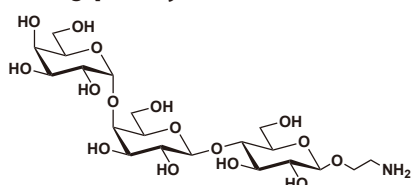
Reductive amination eliminates the epitope by opening the pyranose ring at the reducing end. We offer closed-ring glycoconjugates via PEG linkers as useful tools for discovery and characterization of carbohydrate-binding substances.

These antigens were coated on ELISA plate and reacted with Anti-Gb₃ Monoclonal Antibody [A2506] at the appropriate time. Subsequently, the primary antibody was detected using suitable secondary antibodies.

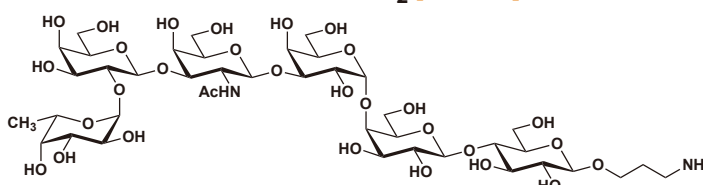
Related Products

Amino glycosides

Gb₃-β-ethylamine [G0402]

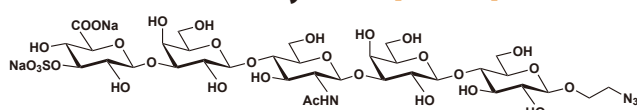


Globo-H-PrNH₂ [G0447]

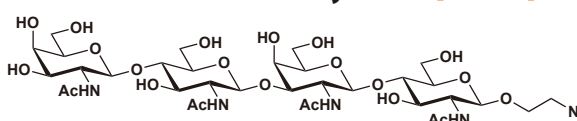


Azido glycosides

HNK-1 Ethylazide [H1333]



LacDiNAc Dimer Ethylazide [L0237]



Pre-Weighed Bioconjugation Reagents

for Biotin Conjugation

Biotin-LC-LC-NHS (2mg×5)

1set [B6096]

Biotin-PEG₂-NHS (2mg×5)

1set [B6097]

Applications

Preparation :

Use of a 10 mM biotinylation solution is recommended. In order to efficiently biotinylate a sample, biotinylation solution should be used at a 15-fold molar excess over the amount of amine-containing protein. Make sure to calculate the 10 mM biotinylation solution amount (see example below).

Calculate : A μL of 10 mM biotinylation solution for biotinylation 2 mg IgG (150,000 M.W.)
 $2 [\text{mg IgG}] \times 10^{-3} [\text{g/mg}] \times 1/150,000 [\text{mol/g}] \times 15 [\text{fold}]$
 $= A [\mu\text{L of 10 mM biotinylation solution}] \times 10^{-6} [\text{L}/\mu\text{L}] \times 10 [\text{mmol/L}] \times 10^{-3} [\text{mol/mmol}]$
 $A = 20 [\mu\text{L of 10 mM biotinylation solution}]$

Direction for Use :

1. Bring each product to room temperature.
2. Dissolve 2 mg of Biotin-LC-LC-NHS [B6096] in 350 μL of DMSO or DMF or 2 mg of Biotin-PEG₂-NHS [B6097] in 400 μL of PBS to prepare a 10 mM biotinylation solution.
3. Dissolve the sample (1-10 mg/mL) in an appropriate buffer such as PBS. Do not use buffers including amines (such as Tris).
4. Add A μL of 10 mM biotinylation solution to the sample solution and incubate the mixed solution for 30 minutes at room temperature.
5. Remove unreacted and hydrolyzed reagent using desalting column or dialysis methods.

for Protein Conjugation via Thiol Groups

Bovine Serum Albumin Maleimide Conjugate (1mg×3)

1set [B5944]

Horseradish Peroxidase Maleimide Conjugate (0.5mg×3)

1set [H1621]

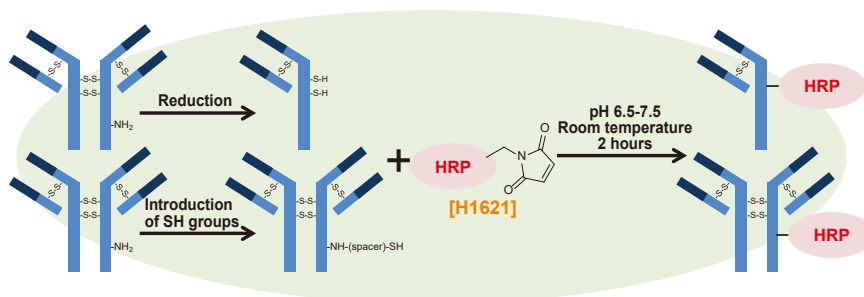
Streptavidin Maleimide Conjugate (0.5mg×1)

1set [T3531]

*B5944 is unavailable in the U.S. and China. H1621 and T3531 are also unavailable in China.

Application : HRP-labelling of an antibody with H1621

In case of antibodies without free thiol (SH, sulfhydryl) groups, disulfide moieties in proteins can be reduced by a reductant such as DTT [D3647] or 2-MEA [A0296] to reveal free thiols. Furthermore, thiol group can be introduced to primary amines by adding SATA [S0431], SATP [S0859] or Traut's reagent [I0820].



Example protocol for antibody conjugation starts from a reduction of native disulfide bonds in the Goat Anti-Mouse IgG, followed by labeling with the HRP using H1621. For more information, see the product detail page of H1621 on TCI website.

Protocol

1. Add DTT to a final concentration equal to 3 mole equivalents per mole equivalent of antibody present.
2. Incubate for 90 minutes at 37 °C.
3. Purify the reduced IgG by gel filtration or ultrafiltration, dialysis.
4. Add equal amount of H1621 (by weight) to a purified antibody and incubate for 2 hours at room temperature (25 °C).

Functional Group Forming Agents and Condensing Agents

Thiol Group Formation (Disulfide Reduction) Reagents

2-Aminoethanethiol Hydrochloride (= 2-MEA)	5g / 25g / 100g / 500g	[A0296]
DL-Dithiothreitol (= DTT)	1g / 5g / 25g	[D1071]
2-Mercaptoethanol (= 2-ME)	25g / 500g	[M0058]
Cystamine Dihydrochloride	25g / 100g / 500g	[C0875]
Tris(2-carboxyethyl)phosphine Hydrochloride (= TCEP)	1g / 5g / 25g	[T1656]

Thiol Group Introduction Reagents

<i>N</i> -Succinimidyl 5-Acetylthioglycolate (= SATA)	1g / 5g	[S0431]
<i>N</i> -Succinimidyl 3-(Acetylthio)propionate (= SATP)	100mg	[S0859]
<i>N</i> -Acetyl-DL-homocystein Thiolactone	5g / 25g	[A2144]
2-Iminothiolane Hydrochloride (= Traut's Reagent)	100mg	[I0820]

Disulfide Bond Formation Reagents

5,5'-Dithiobis(2-nitrobenzoic Acid) (= DTNB)	1g / 5g / 25g	[D0944]
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Carboxyl Group Introduction Reagents

4-(<i>N</i> -Maleimidomethyl)cyclohexane-1-carboxylic Acid	1g / 5g	[M3218]
<i>trans</i> -4-(<i>N</i> -Maleimidomethyl)cyclohexane-1-carboxylic Acid	1g / 5g	[M3219]
Succinic Anhydride	25g / 500g	[S0107]

N-Hydrosuccinimide (NHS) Esterification Reagents

<i>N</i> -Hydroxysuccinimide (= NHS)	5g / 25g / 100g / 500g	[H0623]
<i>N</i> -Hydroxysulfosuccinimide Sodium Salt (= SulfoNHS)	200mg / 1g	[H1304]
<i>N</i> -Succinimidyl Trifluoroacetate (= TFA-NHS)	1g	[S0915]

Imine Reducing Agents

Sodium Cyanoborohydride	5g / 25g / 250g	[S0396]
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Condensing Agents

1,1'-Carbonyldiimidazole (= CDI)	5g / 25g / 250g	[C0119]
1-Cyclohexyl-3-(2-morpholinoethyl)carbodiimide Metho- <i>p</i> -toluenesulfonate (= CMC)	5g / 25g	[C0793]
1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide Hydrochloride (= EDC·HCl)	5g / 25g / 100g / 250g	[D1601]
1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide (= EDC)	5g / 25g / 100g	[D4029]
4-(4,6-Dimethoxy-1,3,5-triazin-2-yl)-4-methylmorpholinium Chloride (= DMT-MM)	1g / 5g / 25g	[D2919]

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