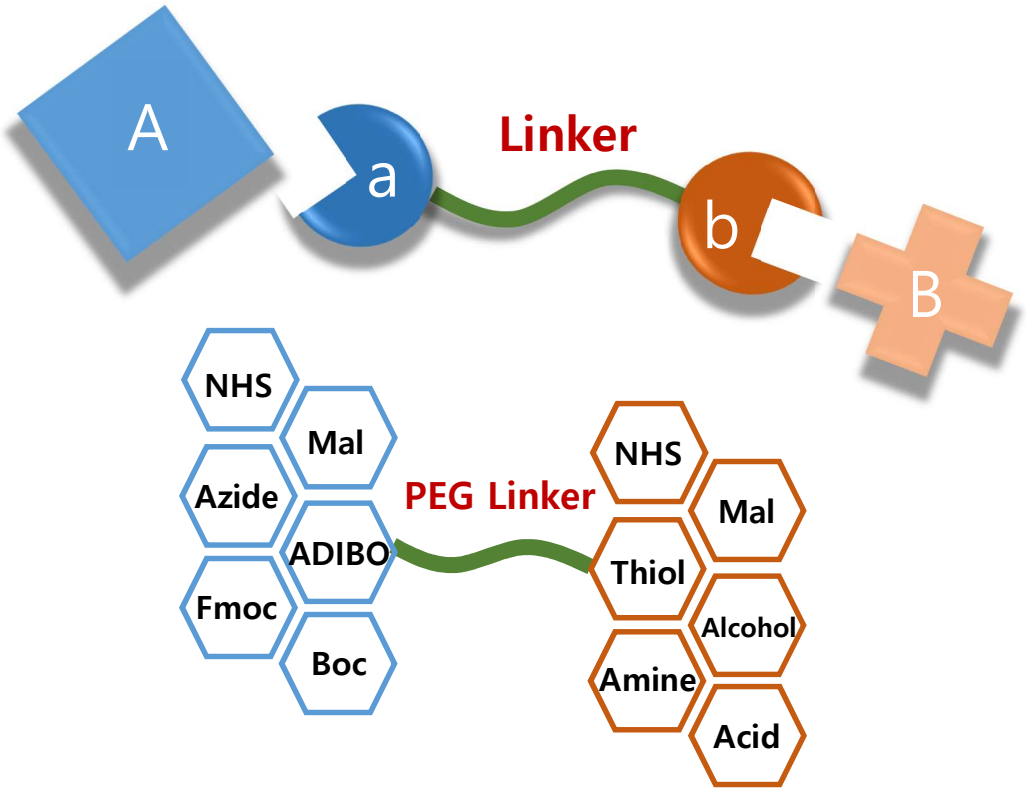
Linkers

for Bioconjugation



- Click Linkers
- Cu-free Click Linkers
- TCO – Tetrazine deriv.
- HomoBifunctional Linkers
- HeteroBifunctional Linkers
- Linkers with Protecting Groups
- Biotinylation Reagents
- PEGylation Reagents

Contents

1. Click Linkers **1 ~ 3**

N_3-PEGn-OH
N_3-PEGn-CH_2CH_2-OMs
N_3-PEGn-CH_2CH_2-N_3
N_3-PEGn-CH_2CH_2F
N_3-PEGn-$CH_2CH_2NH_2$
N_3-PEGn-CH_2CH_2COOH
N_3-PEGn-CH_2CH_2COO-NHS ester
N_3-PEGn-Maleimide
N_3-PEGn-Hydrazide
HO-PEGn-Propyne
MsO-PEGn-Propyne
F-PEGn-Propyne
H_2N-PEGn-Propyne
HS-PEGn-Propyne

2. Cu-Free Click Linkers **4 ~ 12**

ADIBO-amine
ADIBO-acid
ADIBO-NHS ester
ADIBO-Maleimide
NOTA-ADIBO
DOTA-ADIBO
ADIBO-Cy3
ADIBO-Cy5.5
ADIBO-Ph-NCS

ADIBO(DBCO)-PEG series **5 ~ 7**

DBCO-NH-PEGn-$CH_2CH_2NH_2$
DBCO-NH-PEGn-CH_2CH_2COOH
DBCO-NH-PEGn-Malemide
DBCO-NH-PEGn-CH_2CH_2COONHS ester
DBCO-NH-PEGn-Biotin

TCO-Tetrazine **7 ~ 10**

TCO-OH (E)
TCO-OH (A)
TCO-NHS ester (E)
TCO-NHS ester (A)
TCO-amine (E)
TCO-amine (A)
TCO-acid (E)
TCO-acid (A)
TCO-Maleimide (E)
TCO-Maleimide (A)
TCO-PEG_4-amine
TCO-PEG_6-acid
TCO-PEG_6-NHS ester
TCO-PEG_4-Maleimide
TCO-PEG_4-ADIBO
Methyltetrazine-NH_2
Methyltetrazine-CO_2H
Methyltetrazine NHS ester
Methyltetrazine Maleimide
Methyltetrazine-NODA-GA
Methyltetrazine-DOTA
Methyltetrazine-Cy3
Methyltetrazine-Cy5.5
Methyltetrazine-PEG_4-NH_2
Methyltetrazine-PEG_4-CO_2H
Methyltetrazine-PEG_4-NHS ester
Methyltetrazine-PEG_4-Maleimide
Methyltetrazine-PEG_4-Azide

Useful Click Chemicals **10 ~ 12**

3. Homobifunctional Linkers **13 ~ 14**

HO-PEGn-OH
H_2N-PEGn-$CH_2CH_2NH_2$
$HOOCCH_2CH_2O$-PEGn-CH_2CH_2COOH
NHS-PEGn-NHS
Mal-NH-PEGn-NH-Mal
Mal-PEGn-CH_2CH_2Mal

4. Heterobifunctional Linkers **15 ~ 19**

H_2N-PEGn-OH
H_2N-PEGn-CH_2COOH
H_2N-PEGn-CH_2CH_2COOH
H_2N-PEGn-Hydrazide
HO-PEGn-CH_2CH_2COOH

Maleimide-$(CH_2)n$-COOH
Maleimide-$(CH_2)n$-NHS
Maleimide-PEGn-CH_2CH_2COOH
Maleimide-NH-PEGn-CH_2CH_2COOH
Maleimide-NH-PEGn-CH_2CH_2COONHS Ester
Maleimide-NH-PEGn-CH_2CH_2COOPFP Ester
HS-PEGn-OH
HS-PEGn-$CH_2CH_2NH_2$
HS-PEGn-CH_2CH_2COOH
HS-PEGn-$CH_2CH_2N_3$

5. Linkers with Protecting Groups 19 ~ 24

Fmoc-NH-PEGn-CH_2COOH
Fmoc-NH-PEGn-CH_2CH_2COOH
BocNH-PEGn-OH
BocNH-PEGn-$CH_2CH_2NH_2$
Boc-PEGn-CH_2COOH
Boc-PEGn-CH_2CH_2COOH
BocNH-PEGn-$CH_2CH_2N_3$
Cbz-PEGn-CH_2COOH
Cbz-PEGn-CH_2CH_2COOH
SPDP-PEGn-CH_2CH_2COOH
HO-PEGn-CH_2CH_2COOtBu
H2N-PEGn-CH_2CH_2COOtBu
N_3-PEGn-CH_2CH_2COOtBu
HS-PEGn-CH_2CH_2COOtBu
BnO-PEGn-OH
HO-PEGn-Benzyl Ester

6. Biotinylation Reagents 24 ~ 27

(+)-Biotin-NHS
(+)-Biotin-Hydrazide
(+)-Biotin-LC
(+)-Biotin-LC NHS ester
(+)-Biotin-LC-LC
(+)-Biotin-LC-LC-NHS ester
(+)-Biotin-SLC
(+)-Biotin-SLC-NHS ester
(+)-Biotin-LC-Hydrazide
(+)-Biotin-$NHCH_2CH_2$-S-S-Pyr
(+)-Biotin-ONP
(+)-Biotin-PEGn-OH
(+)-Biotin-PEGn-NH_2
(+)-Biotin-PEGn- CH_2CH_2COOH
(+)-Biotin-PEGn-CH_2CH_2COO-NHS ester
(+)-Biotin-PEGn-Hydrazide
(+)-Biotin-PEGn-$CH_2CH_2N_3$
(+)-Biotin-PEGn-Maleimide
(+)-Biotin-PEGn-CH_2CH_2SH

7. PEGylation Reagents 28 ~ 31

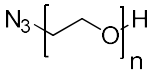
mPEGn-OH
mPEGn-NH_2
mPEGn-N_3
mPEGn-NH-Mal
mPEGn-CH_2COOH
mPEGn-CH_2CH_2COOH
mPEGn-CH_2CH_2COONHS Ester
mPEGn-HS
mPEGn-Propyne
mPEGn-Hydrazide

Contact Information

Tel. 02-497-3117
Fax. 02-497-3118
Email: sales@futurechem.co.kr
Website www.futurechem.shop

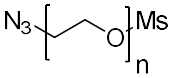
1. Click Linkers

N_3-PEG$_n$-OH



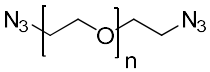
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4366203	N_3-PEG$_3$-OH	>97%	86520-52-7	$C_6H_{13}N_3O_3$	175.19	1 g, 5 g
4366204	N_3-PEG$_4$-OH	>97%	86770-67-4	$C_8H_{17}N_3O_4$	219.24	1 g, 5 g
4366205	N_3-PEG$_5$-OH	>97%	86770-68-5	$C_{10}H_{21}N_3O_5$	263.29	1 g
4366206	N_3-PEG$_6$-OH	>97%	-	$C_{12}H_{25}N_3O_6$	307.34	1 g
4366208	N_3-PEG$_8$-OH	>97%	352439-36-2	$C_{16}H_{33}N_3O_8$	395.45	1 g
4366209	N_3-PEG$_9$-OH	>97%	-	$C_{18}H_{37}N_3O_9$	439.50	1 g
4366211	N_3-PEG$_{11}$-OH	>97%	-	$C_{22}H_{45}N_3O_{11}$	527.61	1 g
4366212	N_3-PEG$_{12}$-OH	>97%	73342-16-2	$C_{24}H_{49}N_3O_{12}$	571.66	1 g
4366224	N_3-PEG$_{24}$-OH	>95%	73342-16-2	$C_{48}H_{97}N_3O_{24}$	1100.29	250 mg, 1 g
4366236	N_3-PEG$_{36}$-OH	>95%	73342-16-2	$C_{72}H_{145}N_3O_{36}$	1628.92	250 mg, 1 g

N_3-PEG$_n$-CH_2CH_2-OMs



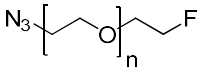
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FC-6007	N_3-PEG$_3$-OMs	>95%	134179-43-4	$C_7H_{15}N_3O_5S$	253.28	1 g, 5 g
FC-6008	N_3-PEG$_4$-OMs	>95%	940951-97-3	$C_9H_{19}N_3O_6S$	297.33	1 g, 5 g
FC-6034	N_3-PEG$_5$-OMs	>95%	940951-97-3	$C_{11}H_{23}N_3O_7S$	341.38	100 mg, 500 mg

N_3-PEG$_n$-CH_2CH_2-N_3



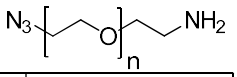
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
FC-6001	N_3-PEG$_2$-CH_2CH_2-N_3	>95%	59559-06-7	$C_6H_{12}N_6O_2$	200.20	1 g, 5 g
FC-6002	N_3-PEG$_3$-CH_2CH_2-N_3	>95%	101187-39-7	$C_8H_{16}N_6O_3$	244.25	1 g, 5 g
FC-6033	N_3-PEG$_4$-CH_2CH_2-N_3	>95%	182760-73-2	$C_{10}H_{20}N_6O_4$	288.30	100 mg, 1 g, 5 g

N_3-PEG$_n$-CH_2CH_2F



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
FC-6009	N_3-PEG$_2$-CH_2CH_2F	>95%	1351974-21-4	$C_6H_{12}FN_3O_2$	177.18	1 g, 5 g
FC-6010	N_3-PEG$_3$-CH_2CH_2F	>95%	1233816-91-5	$C_6H_{16}FN_3O_3$	221.23	1 g, 5 g
FC-6035	N_3-PEG$_4$-CH_2CH_2F	>95%	1386999-56-9	$C_{10}H_{20}FN_3O_4$	265.28	100 mg, 1 g

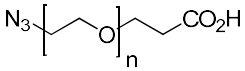
N_3-PEG$_n$-$CH_2CH_2NH_2$



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
436604	N_3-PEG$_4$-$CH_2CH_2NH_2$	>97%	951671-92-4	$C_{10}H_{22}N_4O_4$	262.31	1 g
436605	N_3-PEG$_5$-$CH_2CH_2NH_2$	>97%	516493-93-9	$C_{12}H_{26}N_4O_5$	306.36	1 g
436606	N_3-PEG$_6$-$CH_2CH_2NH_2$	>97%	957486-82-7	$C_{14}H_{30}N_4O_6$	350.41	1 g
436607	N_3-PEG$_7$-$CH_2CH_2NH_2$	>97%	-	$C_{16}H_{34}N_4O_7$	394.46	1 g
436608	N_3-PEG$_8$-$CH_2CH_2NH_2$	>97%	857891-82-8	$C_{18}H_{38}N_4O_8$	438.51	1 g
436610	N_3-PEG$_{10}$-$CH_2CH_2NH_2$	>97%	912849-73-1	$C_{22}H_{46}N_4O_{10}$	526.61	1 g

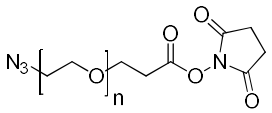
436611	N_3-PEG_{11}-$CH_2CH_2NH_2$	>97%	-	$C_{24}H_{50}N_4O_{11}$	570.67	1 g
436623	N_3-PEG_{23}-$CH_2CH_2NH_2$	>95%	749244-38-0	$C_{48}H_{98}N_4O_{23}$	1099.30	250 mg, 1 g

N_3-PEG_n-CH_2CH_2COOH



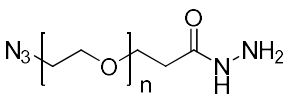
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437702	N_3-PEG_2-CH_2CH_2COOH	>97%	-	$C_7H_{13}N_3O_4$	203.19	1 g, 5 g
437703	N_3-PEG_3-CH_2CH_2COOH	>97%	-	$C_9H_{17}N_3O_5$	247.25	1 g
437704	N_3-PEG_4-CH_2CH_2COOH	>97%	1257063-35-6	$C_{11}H_{21}N_3O_6$	291.30	1 g
437705	N_3-PEG_5-CH_2CH_2COOH	>97%	-	$C_{13}H_{25}N_3O_7$	335.35	1 g
437706	N_3-PEG_6-CH_2CH_2COOH	>97%	-	$C_{15}H_{29}N_3O_8$	379.41	1 g
437708	N_3-PEG_8-CH_2CH_2COOH	>97%	1214319-92-2	$C_{19}H_{37}N_3O_{10}$	467.51	1 g
437712	N_3-PEG_{12}-CH_2CH_2COOH	>97%	1167575-20-3	$C_{27}H_{53}N_3O_{14}$	643.72	1 g
437724	N_3-PEG_{24}-CH_2CH_2COOH	>95%	1167575-20-3	$C_{51}H_{101}N_3O_{26}$	1172.35	250 mg, 1 g

N_3-PEG_n-CH_2CH_2COO-NHS Ester



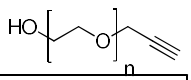
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436902	N_3-PEG_2-CH_2CH_2COO-NHS ester	>97%	-	$C_{11}H_{16}N_4O_6$	300.27	1 g
436903	N_3-PEG_3-CH_2CH_2COO-NHS ester	>97%	-	$C_{13}H_{20}N_4O_7$	344.32	1 g
436904	N_3-PEG_4-CH_2CH_2COO-NHS ester	>97%	944251-24-5	$C_{15}H_{24}N_4O_8$	388.37	1 g
436906	N_3-PEG_6-CH_2CH_2COO-NHS ester	>97%	-	$C_{19}H_{32}N_4O_{10}$	476.48	1 g
436908	N_3-PEG_8-CH_2CH_2COO-NHS ester	>97%	-	$C_{23}H_{40}N_4O_{12}$	564.58	1 g
436912	N_3-PEG_{12}-CH_2CH_2COO-NHS ester	>97%	-	$C_{31}H_{56}N_4O_{16}$	740.79	1 g
436924	N_3-PEG_{24}-CH_2CH_2COO-NHS ester	>95%	-	$C_{55}H_{104}N_4O_{28}$	1269.42	250 mg, 1 g

N_3-PEG_n-Hydrazide



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
435903	N_3-PEG_3-Hydrazide	>97%	-	$C_9H_{19}N_5O_4$	261.28	1 g, 5 g
435904	N_3-PEG_4-Hydrazide	>97%	-	$C_{11}H_{23}N_5O_5$	305.33	1 g, 5 g
435906	N_3-PEG_6-Hydrazide	>97%	-	$C_{15}H_{31}N_5O_7$	393.44	1 g, 5 g
435908	N_3-PEG_8-Hydrazide	>97%	-	$C_{19}H_{39}N_5O_9$	481.54	1 g, 5 g

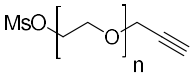
HO-PEG_n-Propyne



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
434604	HO-PEG_4-Propyne	>97%	-	$C_{11}H_{20}O_5$	232.27	1 g

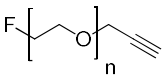
434606	HO-PEG_6-Propyne	>97%	-	$C_{15}H_{28}O_7$	320.38	1 g

MsO-PEG_n-Propyne



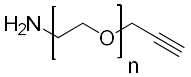
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
FC-6015	HO-PEG_3-Propyne	>95%	173205-72-6	$C_{10}H_{18}O6S$	266.31	1 g, 5 g
FC-6016	HO-PEG_4-Propyne	>95%	1233816-83-5	$C_{12}H_{22}O_7S$	310.36	1 g, 5 g
FC-6037	HO-PEG_5-Propyne	>95%	1036204-62-2	$C_{14}H_{26}O_8S$	354.42	100 mg, 1 g

F-PEG_n-Propyne



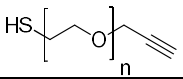
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
FC-6030	HO-PEG_3-Propyne	>95%	943726-15-6	$C_9H_{15}FO_3$	190.21	100 mg, 1 g
FC-6031	HO-PEG_4-Propyne	>95%	1003005-81-9	$C_{11}H_{19}FO_4$	234.26	100 mg, 1 g
FC-6038	HO-PEG_5-Propyne	>95%	1354389-56-2	$C_{13}H_{23}FO_5$	278.32	100 mg, 1 g

H_2N-PEG_n-Propyne



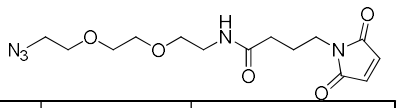
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433002	H_2N-PEG_2-Propyne	>97%	-	$C_7H_{13}NO_2$	143.18	1 g
433003	H_2N-PEG_3-Propyne	>97%	-	$C_9H_{17}NO_3$	187.24	1 g
433004	H_2N-PEG_4-Propyne	>97%	-	$C_{11}H_{21}NO_4$	231.29	1 g
433006	H_2N-PEG_6-Propyne	>97%	-	$C_{15}H_{29}NO_6$	319.39	1 g
433008	H_2N-PEG_8-Propyne	>97%	-	$C_{19}H_{37}NO_8$	407.5	1 g
433012	H_2N-PEG_{12}-Propyne	>97%	-	$C_{27}H_{53}NO_{12}$	583.71	1 g
433024	H_2N-PEG_{24}-Propyne	>95%	-	$C_{51}H_{102}NO_{24}$	1112.34	250 mg, 1 g

HS-PEG_n-Propyne



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
437904	HS-PEG_4-Propyne	>95%	-	$C_{11}H_{20}SO_4$	248.34	250 mg, 1 g
437906	HS-PEG_6-Propyne	>95%	-	$C_{15}H_{28}SO_6$	336.44	250 mg, 1 g
437908	HS-PEG_8-Propyne	>95%	-	$C_{19}H_{36}SO_8$	424.56	250 mg, 1 g
437912	HS-PEG_{12}-Propyne	>95%	-	$C_{27}H_{52}SO_{12}$	600.76	250 mg, 1 g

N_3-PEG_n-Maleimide



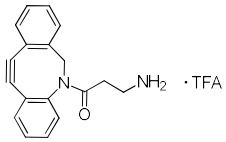
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
FC-6301	Azido-PEG_3-Maleimide kit	>90%		$C_{15}H_{23}N_5O_6$	369.37	10 mg, 100 mg

* FC-6301 is provided as a kit, N_3-PEG_3-amine and Maleimide-NHS ester

2. Cu-Free Click Linkers

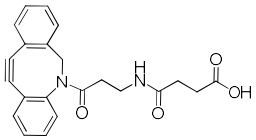
FC-6111 ADIBO-amine · TFA

ADIBO-amine · TFA
[1255942-06-3]; Net product
$C_{20}H_{17}F_3N_2O_2$ MW 390.35
^{1}H NMR, MS, purity
>95% (HPLC)
Order Unit
100 mg : FC-6111-0100
500 mg : FC-6111-0500



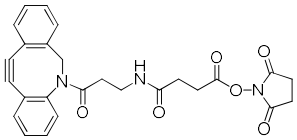
FC-6112 ADIBO-acid

ADIBO-acid
$C_{22}H_{20}N_2O_4$ MW 376.41
^{1}H NMR, MS, purity
>95% (HPLC)
Order Unit
100 mg : FC-6112-0100
500 mg : FC-6112-0500



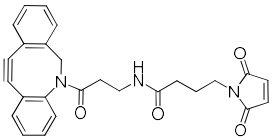
FC-6113 ADIBO-NHS ester

ADIBO-NHS ester
$C_{26}H_{23}N_4O_6$ MW 473.48
^{1}H NMR, MS, purity
>90% (HPLC)
Order Unit
10 mg : FC-6113-0010
100 mg : FC-6113-0100 500 mg : FC-6113-0500



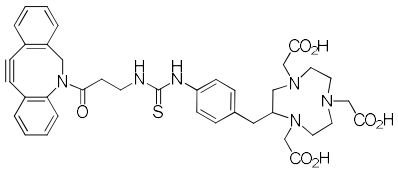
FC-6114 ADIBO-maleimide

ADIBO-maleimide
$C_{26}H_{23}N_3O_4$ MW 441.48
^{1}H NMR, MS, purity
>90% (HPLC)
Order Unit
10 mg : FC-6114-0010
100 mg : FC-6114-0100 500 mg : FC-6114-0500



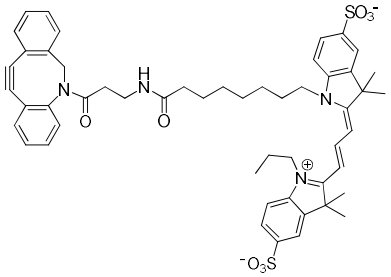
FC-6117 NOTA-ADIBO

NOTA-ADIBO
$C_{38}H_{42}N_6O_7S$
MW 726.84
MS, purity
>95% (HPLC)
Order Unit
10 mg : FC-6117-0010
100 mg : FC-6117-0100



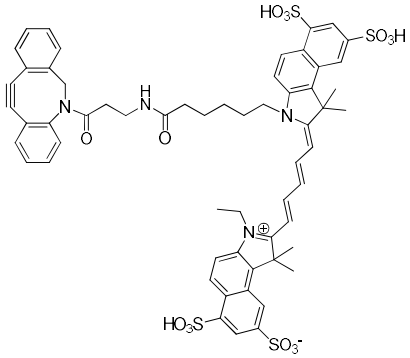
FC-6118 ADIBO-Cy3

ADIBO-Cy3
$C_{58}H_{73}N_5O_8S_2$
MW 1032.36
MS, UV, purity
>95% (HPLC)
Order Unit
1 mg : FC-6118-0001 5 mg : FC-6118-0005



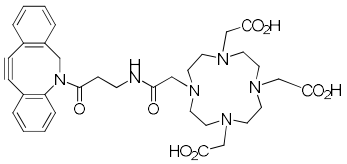
FC-6119 ADIBO-Cy5.5

ADIBO-Cy5.5
$C_{59}H_{58}N_4O_{14}S_4$
MW 1175.37
MS, UV, purity
>95% (HPLC)
Order Unit
1 mg : FC-6119-0001 5 mg : FC-6119-0005



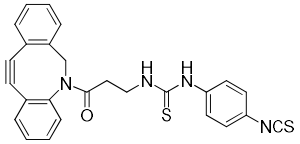
FC-6120 DOTA-ADIBO

DOTA-ADIBO
$C_{34}H_{42}N_6O_8$
MW 662.73 (net)
^{1}H NMR, MS, purity
>95% (HPLC)
Order Unit
10 mg : FC-6120-0010
100 mg : FC-6120-0100



FC-6133 ADIBO-Ph-NCS

ADIBO-Ph-NCS
$C_{26}H_{20}N_4OS_2$ MW 468.11
^{1}H NMR, MS, purity
>95% (HPLC)
Order Unit
10 mg : FC-6133-0010
100 mg : FC-6133-0100



ADIBO(DBCO)-PEG series

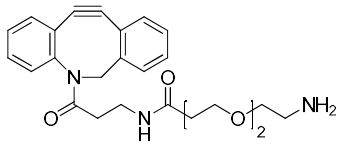
488202 **DBCO-NH-PEG$_2$-CH$_2$CH$_2$NH$_2$**

Azadibenzocyclooctyne-PEG$_2$-amine

$C_{25}H_{29}N_3O_4$

MW 453.52

Purity >95%



Order Unit

100 mg

488204 **DBCO-NH-PEG$_4$-CH$_2$CH$_2$NH$_2$**

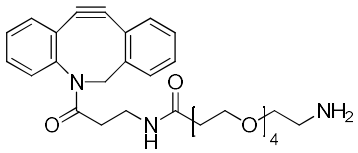
Azadibenzocyclooctyne-PEG$_4$-amine

[1255942-08-5]

$C_{29}H_{37}N_3O_6$

MW 523.62

Purity >95%



Order Unit

100 mg

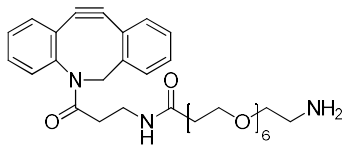
488206 **DBCO-NH-PEG$_6$-CH$_2$CH$_2$NH$_2$**

Azadibenzocyclooctyne-PEG$_6$-amine

$C_{33}H_{45}N_3O_8$

MW 611.73

Purity >95%



Order Unit

100 mg

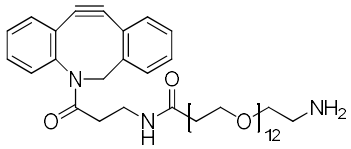
488212 **DBCO-NH-PEG$_{12}$-CH$_2$CH$_2$NH$_2$**

Azadibenzocyclooctyne-PEG$_{12}$-amine

$C_{45}H_{59}N_3O_{14}$

MW 876.04

Purity >95%



Order Unit

100 mg

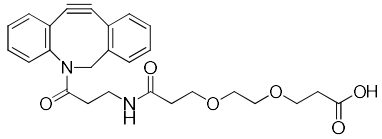
488301 **DBCO-NH-PEG$_1$-CH$_2$CH$_2$COOH**

Azadibenzocyclooctyne-PEG$_1$-acid

$C_{26}H_{28}N_2O_6$

MW 464.51

Purity >95%



Order Unit

100 mg

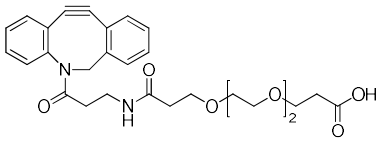
488302 **DBCO-NH-PEG$_2$-CH$_2$CH$_2$COOH**

Azadibenzocyclooctyne-PEG$_2$-acid

$C_{28}H_{32}N_2O_7$

MW 508.56

Purity >95%



Order Unit

100 mg

488304 **DBCO-NH-PEG$_4$-CH$_2$CH$_2$COOH**

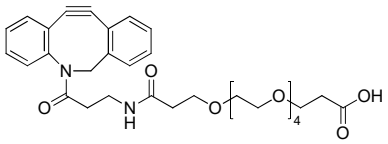
Azadibenzocyclooctyne-PEG$_4$-acid

[1870899-46-9]

$C_{32}H_{40}N_2O_9$

MW 596.67

Purity >95%



Order Unit

100 mg

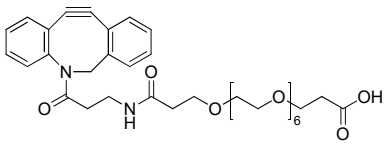
488306 **DBCO-NH-PEG$_6$-CH$_2$CH$_2$COOH**

Azadibenzocyclooctyne-PEG$_6$-acid

$C_{36}H_{48}N_2O_{11}$

MW 684.77

Purity >95%



Order Unit

100 mg

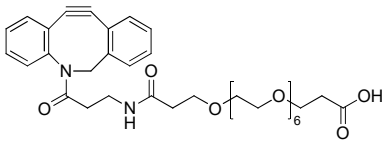
488312 **DBCO-NH-PEG$_{12}$-CH$_2$CH$_2$COOH**

Azadibenzocyclooctyne-PEG$_{12}$-acid

$C_{48}H_{72}N_2O_{17}$

MW 949.09

Purity >95%



Order Unit

100 mg

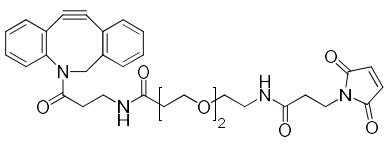
488502 **DBCO-NH-PEG$_2$-Maleimide**

Azadibenzocyclooctyne-PEG$_2$-Maleimide

$C_{32}H_{34}N_4O_7$

MW 586.64

Purity >95%



Order Unit

100 mg 500 mg

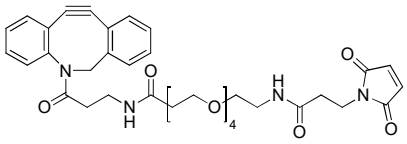
488504 DBCO-NH-PEG$_4$-Maleimide

Azadibenzocyclooctyne-PEG$_4$-Maleimide

$C_{36}H_{42}N_4O_9$

MW 674.4

Purity >95%



Order Unit

100 mg 500 mg

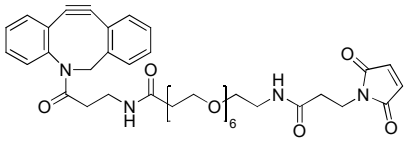
488506 DBCO-NH-PEG$_6$-Maleimide

Azadibenzocyclooctyne-PEG$_6$-Maleimide

$C_{40}H_{50}N_4O_{11}$

MW 762.85

Purity >95%



Order Unit

100 mg 500 mg

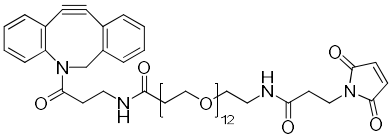
488512 DBCO-NH-PEG$_{12}$-Maleimide

Azadibenzocyclooctyne-PEG$_{12}$-Maleimide

$C_{52}H_{74}N_4O_{17}$

MW 1027.16

Purity >95%



Order Unit

100 mg

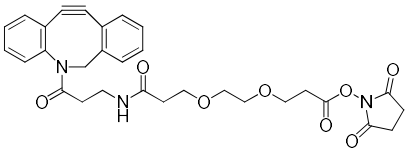
488401 DBCO-NH-PEG$_1$-CH$_2$CH$_2$COONHS ester

Azadibenzocyclooctyne-PEG$_1$-N-hydroxysuccinimidyl ester

$C_{30}H_{31}N_3O_8$

MW 561.58

Purity >97%



Order Unit

100 mg 500 mg

488404 DBCO-NH-PEG$_4$-CH$_2$CH$_2$COONHS ester

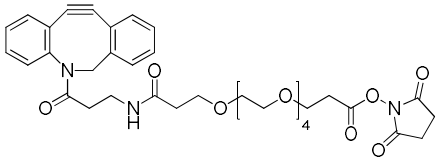
Azadibenzocyclooctyne-PEG$_4$-N-hydroxysuccinimidyl ester

[1378531-80-6]

$C_{36}H_{43}N_3O_{11}$

MW 693.74

Purity >95%



Order Unit

100 mg 500 mg

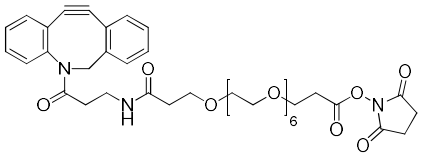
488406 DBCO-NH-PEG$_6$-CH$_2$CH$_2$COONHS ester

Azadibenzocyclooctyne-PEG$_6$-N-hydroxysuccinimidyl ester

$C_{40}H_{51}N_3O_{13}$

MW 781.85

Purity >95%



Order Unit

100 mg 500 mg

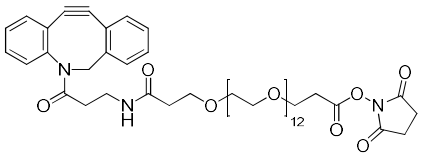
488412 DBCO-NH-PEG$_{12}$-CH$_2$CH$_2$COONHS ester

Azadibenzocyclooctyne-PEG$_{12}$-N-hydroxysuccinimidyl ester

$C_{52}H_{75}N_3O_{19}$

MW 1046.16

Purity >95%



Order Unit

100 mg 500 mg

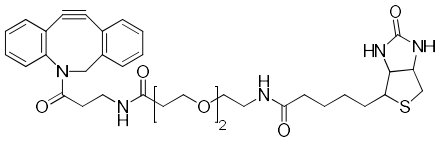
488702 DBCO-NH-PEG$_2$-Biotin

Azadibenzocyclooctyne-PEG$_2$-Biotin conjugate

$C_{35}H_{43}N_5O_6S$

MW 661.81

Purity >95%



Order Unit

100 mg

488704 DBCO-NH-PEG$_4$-Biotin

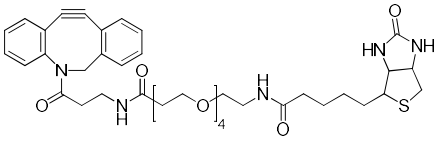
Azadibenzocyclooctyne-PEG$_4$-Biotin conjugate

[1255942-07-4]

$C_{39}H_{51}N_5O_8S$

MW 749.92

Purity >95%



Order Unit

100 mg

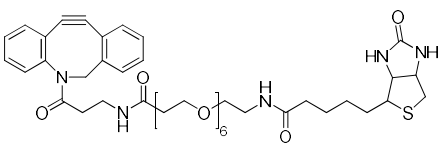
488706 DBCO-NH-PEG$_6$-Biotin

Azadibenzocyclooctyne-PEG$_6$-Biotin conjugate

$C_{43}H_{59}N_5O_{10}S$

MW 838.02

Purity >95%



Order Unit

100 mg

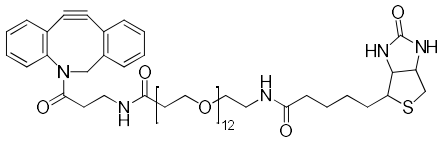
488712 **DBCO-NH-PEG$_{12}$-Biotin**

Azadibenzocyclooctyne-PEG$_{12}$-Biotin conjugate

$C_{55}H_{83}N_5O_{16}S$

MW 1102.34

Purity >95%



Order Unit

100 mg

TCO-Tetrazine

FC-6171-E **TCO-OH (E)**

trans-Cyclooct-4-enol, rel-(1R,4E,pR)-Cyclooct-4-enol, -OH

equatorially substituted

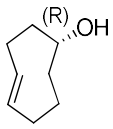
[39637-79-1]

$C_8H_{14}O$

MW 126.20

^{1}H NMR, purity

>95% (HPLC)



Order Unit

100 mg : FC-6171-E0100 1 g : FC-6171-E1000

FC-6171-A **TCO-OH (A)**

trans-Cyclooct-4-enol, rel-(1R,4E,pS)-Cyclooct-4-enol, -OH

axially substituted

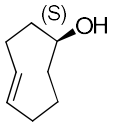
[39637-78-0]

$C_8H_{14}O$

MW 126.20

^{1}H NMR, purity

>95% (HPLC)



Order Unit

100 mg : FC-6171-A0100 1 g : FC-6171-A1000

FC-6172-E **TCO-NHS ester (E)**

trans-Cyclooct-2-ene NHS ester

equatorially substituted

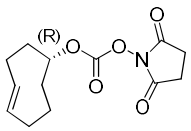
[1191901-33-3]

$C_{13}H_{17}NO_5$

MW 267.28

^{1}H NMR, purity

>90% (HPLC)



Order Unit

25 mg : FC-6172-E0025

100 mg : FC-6172-E0100 500 mg : FC-6172-E0500

FC-6172-A **TCO-NHS ester (A)**

trans-Cyclooct-2-ene NHS ester

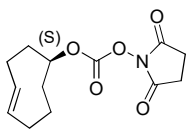
axially substituted

$C_{13}H_{17}NO_5$

MW 267.28

^{1}H NMR, purity

>90% (HPLC)



Order Unit

25 mg : FC-6172-A0025

100 mg : FC-6172-A0100 500 mg : FC-6172-A0500

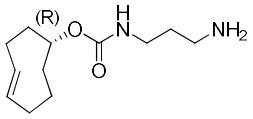
FC-6173-E **TCO-amine (E)**

trans-Cyclooct-2-ene amine

equatorially substituted

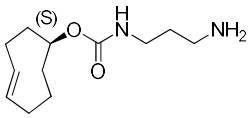
$C_{12}H_{22}N_2O_2$

MW 226.32
^{1}H NMR, purity
>95% (HPLC)
Order Unit
25 mg : FC-6173-E0025
100 mg : FC-6173-E0100 500 mg : FC-6173-E0500



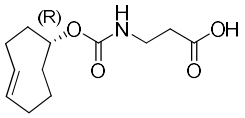
FC-6173-A TCO-amine (A)

trans-Cyclooct-2-ene amine
axially substituted
$C_{12}H_{22}N_2O_2$
MW 226.32
^{1}H NMR, purity
>95% (HPLC)
Order Unit
25 mg : FC-6173-A0025
100 mg : FC-6173-A0100 500 mg : FC-6173-A0500



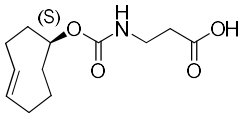
FC-6174-E TCO-acid (E)

trans-Cyclooct-2-ene acid
equatorially substituted
$C_{12}H_{19}NO_4$
MW 241.28
^{1}H NMR, purity
>95% (HPLC)
Order Unit
25 mg : FC-6174-E0025
100 mg : FC-6174-E0100 500 mg : FC-6174-E0500



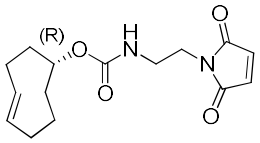
FC-6174-A TCO-acid (A)

trans-Cyclooct-2-ene acid
axially substituted
$C_{12}H_{19}NO_4$
MW 241.28
^{1}H NMR, purity
>95% (HPLC)
Order Unit
25 mg : FC-6174-A0025
100 mg : FC-6174-A0100 500 mg : FC-6174-A0500



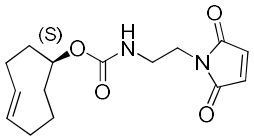
FC-6175-E TCO-Maleimide (E)

trans-Cyclooct-2-ene Maleimide
equatorially substituted
$C_{15}H_{20}N_2O_4$
MW 292.33
^{1}H NMR, purity
>95% (HPLC)
Order Unit
10 mg : FC-6175-E0010
25 mg : FC-6175-E0025 100 mg : FC-6175-E0100



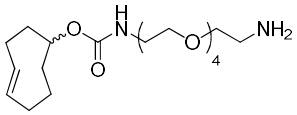
FC-6175-A TCO-Maleimide (A)

trans-Cyclooct-2-ene Maleimide
axially substituted
$C_{15}H_{20}N_2O_4$
MW 292.33
^{1}H NMR, purity
>95% (HPLC)
Order Unit
10 mg : FC-6175-A0010
25 mg : FC-6175-A0025 100 mg : FC-6175-A0100



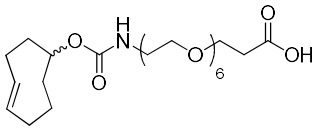
FC-6181 TCO-PEG$_4$-amine

trans-Cyclooct-2-ene PEG$_4$-amine
$C_{19}H_{36}N_2O_6$
MW 388.50
^{1}H NMR, purity
>95% (HPLC)
Order Unit
10 mg : FC-6181-0010 100 mg : FC-6181-0100



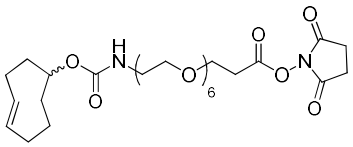
FC-6182 TCO-PEG$_6$-acid

trans-Cyclooct-2-ene PEG$_6$-acid
$C_{24}H_{43}NO_{10}$
MW 505.60
^{1}H NMR, purity
>95% (HPLC)
Order Unit
10 mg : FC-6182-0010 100 mg : FC-6182-0100



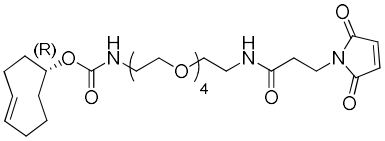
FC-6183 TCO-PEG$_6$-NHS ester

trans-Cyclooct-2-ene PEG$_6$-NHS ester
$C_{28}H_{46}N_2O_{12}$
MW 602.67
^{1}H NMR, purity
>90% (HPLC)
Order Unit
10 mg : FC-6183-0010 100 mg : FC-6183-0100



FC-6184 TCO-PEG$_4$-Maleimide

trans-Cyclooct-2-ene PEG$_4$-Maleimide
$C_{26}H_{41}N_3O_9$
MW 539.62
^{1}H NMR, purity
>95% (HPLC)
Order Unit
10 mg : FC-6184-E010 100 mg : FC-6184-0100



FC-6185-E TCO-PEG$_4$-ADIBO

trans-Cyclooct-2-ene PEG$_4$-ADIBO

$C_{41}H_{54}N_4O_9$

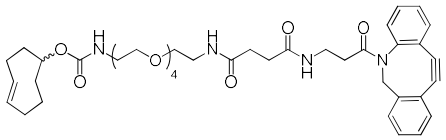
MW 746.89

^{1}H NMR, purity

>95% (HPLC)

Order Unit

10 mg : FC-6185-0010 100 mg : FC-6185-E100



FC-6140 Methyltetrazine-NH$_2$

Methyltetrazine-NH$_2$

$C_{10}H_{11}N_5$

MW 201.23

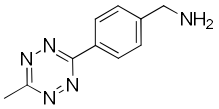
^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

25 mg : FC-6140-0025

100 mg : FC-6140-0100 500 mg : FC-6140-0500



FC-6141 Methyltetrazine-CO$_2$H

Methyltetrazine-CO$_2$H

$C_{14}H_{15}N_5O_3$

MW 301.30

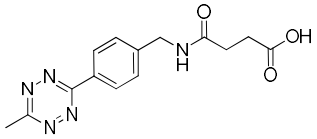
^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

25 mg : FC-6141-0025

100 mg : FC-6141-0100 500 mg : FC-6141-0500



FC-6142 Methyltetrazine NHS ester

Methyltetrazine NHS ester

$C_{18}H_{18}N_6O_5$

MW 398.37

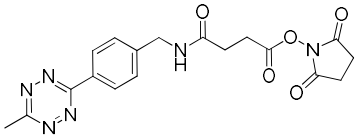
^{1}H NMR, MS, HPLC

>90% (HPLC)

Order Unit

10 mg : FC-6142-0010

100 mg : FC-6142-0100 500 mg : FC-6142-0500



FC-6143 Methyltetrazine Maleimide

Methyltetrazine Maleimide

$C_{17}H_{16}N_6O_3$

MW 352.35

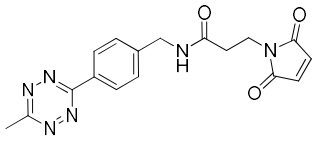
^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

10 mg : FC-6143-0010

25 mg : FC-6143-0025 100 mg : FC-6143-0100



FC-6146 Methyltetrazine-NODA-GA

Methyltetrazine-NODA-GA

$C_{25}H_{34}N_8O_7.xCF_3CO_2H$

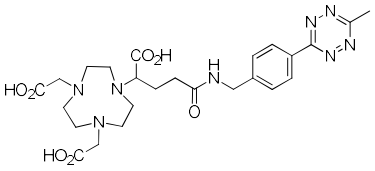
MW 558.59(net)

^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

1 mg : FC-6146-0001 100 mg : FC-6146-0100



FC-6147 Methyltetrazine-DOTA

Methyltetrazine-DOTA

$C_{26}H_{37}N_5O_7.xCF_3CO_2H$

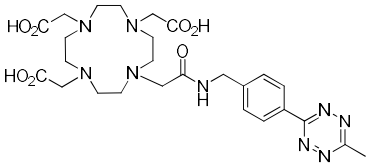
MW 587.63(net)

MS, HPLC

>95% (HPLC)

Order Unit

1 mg : FC-6147-0001 100 mg : FC-6147-0100



FC-6148 Methyltetrazine-Cy3

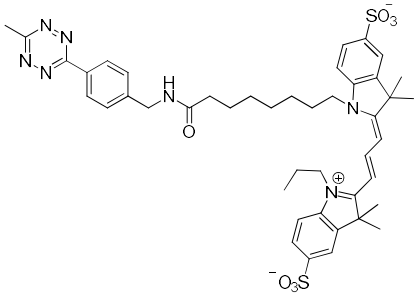
Methyltetrazine-Cy3

$C_{44}H_{53}N_7O_7S_2$

MW 856.06

^{1}H NMR, MS, HPLC

>95% (HPLC)



Order Unit

1 mg : FC-6148-0001 5 mg : FC-6148-0005

FC-6149 Methyltetrazine-Cy5.5

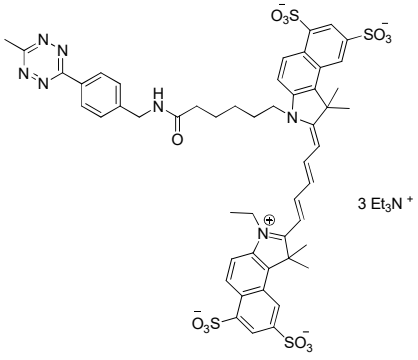
Methyltetrazine-Cy5.5

$C_{51}H_{50}N_7O_{13}S_4 \bullet 3Et_3N$

MW 1403.81

^{1}H NMR, MS, HPLC

>95% (HPLC)



Order Unit

1 mg : FC-6149-0001 5 mg : FC-6149-0005

FC-6160 Methyltetrazine-PEG$_4$-NH$_2$

Methyltetrazine-PEG$_4$-NH$_2$

$C_{21}H_{32}N_6O_5$

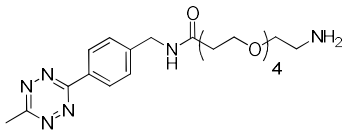
MW 448.52

^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

10 mg : FC-6160-0010 100 mg : FC-6160-0100



FC-6161 Methyltetrazine-PEG$_4$-CO$_2$H

Methyltetrazine-PEG$_4$-CO$_2$H

$C_{26}H_{36}N_6O_8$

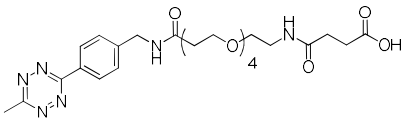
MW 548.59

^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

10 mg : FC-6161-0010 100 mg : FC-6161-0100



FC-6162 Methyltetrazine-PEG$_4$-NHS ester

Methyltetrazine-PEG$_4$-NHS ester

$C_{29}H_{39}N_7O_{10}$

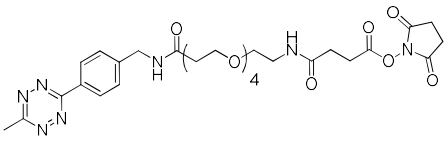
MW 645.65

^{1}H NMR, MS, HPLC

>90% (HPLC)

Order Unit

10 mg : FC-6162-0010 100 mg : FC-6162-0100



FC-6163 Methyltetrazine-PEG$_4$-Maleimide

Methyltetrazine-PEG$_4$-Maleimide

$C_{30}H_{39}N_7O_9$

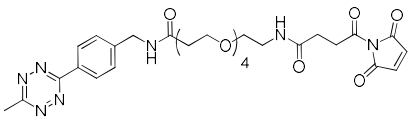
MW 641.67

^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

10 mg : FC-6163-0010 100 mg : FC-6163-0100



FC-6164 Methyltetrazine-PEG$_4$-Azide

Methyltetrazine-PEG$_4$-Azide

$C_{21}H_{30}N_8O_5$

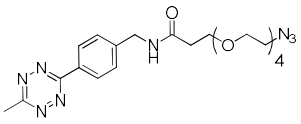
MW 474.51

^{1}H NMR, MS, HPLC

>95% (HPLC)

Order Unit

10 mg : FC-6164-0010 100 mg : FC-6164-0100



Useful Click Chemicals

FC-6041 3-Azidopropanesulfonyl chloride

3-Azidopropanesulfonyl chloride

[1034192-11-4]

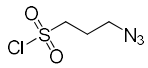
$C_3H_6ClN_3O_2S$ MW 183.62

^{1}H NMR

>95%

Order Unit

500 mg : FC-6041-0500 1 g : FC-6041-1



FC-6045 Azido-acetic acid

2-Azidoacetic acid

[18523-48-3]

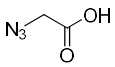
$C_2H_3N_3O_2$ MW 101.06

^{1}H NMR

>95%

Order Unit

1 g : FC-6045-1 5 g : FC-6045-5 10 g : FC-6045-10



FC-6046 1-Azido-1-deoxy-β-*D*-galactopyranoside tetraacetate

1-Azido-1-deoxy-β-*D*-galactopyranoside tetraacetate

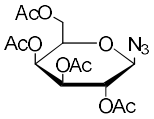
[13992-26-2]

$C_{14}H_{19}N_3O_9$ MW 373.32

^{1}H NMR

>95%

Order Unit



FC-6047 3-Azidoproylamine

3-Azidopropylamine

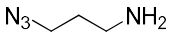
[88192-19-2]

$C_3H_8N_4$ MW 100.12

^{1}H NMR

>95%

Order Unit



FC-6048 Succinimidyl 4-azidobutyrate

γ-Azidobutyric acid oxysuccinimide ester

[943858-70-6]

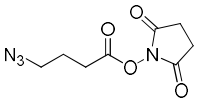
$C_8H_{10}N_4O_4$ MW 226.19

^{1}H NMR

>95%

Order Unit

100 mg : FC-6048-0100 500 mg : FC-6048-0500 1 g: FC-6048-1



FC-6049 Propargyl mesylate

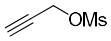
Prop-2-ynyl methanesulfonate

[16156-58-4]

$C_4H_6O_3S$ MW 134.15

^{1}H NMR

>95%



Order Unit

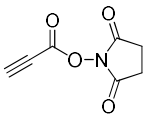
1 g : FC-6049-1 5 g : FC-6049-5

FC-6056 Propiolic acid NHS ester

Propiolic acid NHS ester

[140681-41-0]

$C_7H_5NO_4$ MW 167.12



^{1}H NMR

>95%

Order Unit

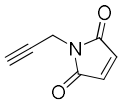
100 mg : FC-6056-0100 1 g : FC-6056-1

FC-6057 *N*-Propargyl maleimide

N-Propargyl maleimide

[209395-32-4]

$C_7H_5NO_2$ MW 135.12



^{1}H NMR

>95%

Order Unit

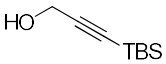
100 mg : FC-6057-0100 1 g : FC-6057-1

FC-6058 3-TBDMS-2-propyn-ol

3-*tert*-Butyldimethylsilyl-2-propyn-1-ol

[120789-51-7]

$C_9H_{18}OSi$ MW 170.32



^{1}H NMR

>95%

Order Unit

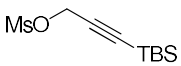
1 g : FC-6058-1 5 g : FC-6058-5

FC-6059 3-TBDMS-2-propyn-ol mesylate

3-*tert*-Butyldimethylsilyl-2-propyn-1-ol

[163358-09-6]

$C_{10}H_{20}O_3SSi$ MW 248.41



^{1}H NMR

>95%

Order Unit

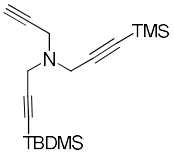
1 g : FC-6059-1 5 g : FC-6059-5

FC-6060 *N*-[3-(*tert*-Butyldimethylsilyl)propargyl]-*N*-propargyl-*N*-(3-trimethylsilylpropargyl)amine

N-[3-(*t*-Butyldimethylsilyl)propargyl]-*N*-propargyl-*N*-(3-trimethylsilylpropargyl)amine

[1351981-53-7]

$C_{18}H_{31}NSi_2$ MW 317.62



^{1}H NMR

>95%

Order Unit

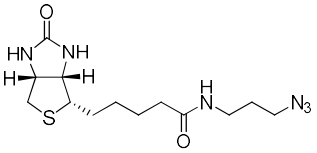
500 mg : FC-6060-0500 1 g : FC-6060-1

FC-6061 (+)-Biotin azidopropylamide

(+)-Biotin azidopropylamide

[908007-17-0]

$C_{13}H_{22}N_6O_2S$ MW 326.42



^{1}H NMR

>95%

Order Unit

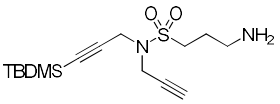
10 mg : FC-6061-0010 100 mg : FC-6061-0100

FC-6066 *N*-[3-(*tert*-Butyldimethylsilyl)propargyl]-*N*-propargyl- *N*-3-amino-propane-1-sulfonamide

N-[3-(*tert*-Butyldimethylsilyl)propargyl]-*N*-propargyl-*N*-3-amino-propane-1-sulfonamide

[1383436-72-3]

$C_{15}H_{28}N_2O_2SSi$ MW 328.55



^{1}H NMR

>95%

Order Unit

100 mg : FC-6066-0100 1 g : FC-6066-1

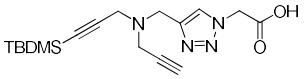
5 g : FC-6066-5

FC-6067 2-[4-[*N*-[(3-(*tert*-Butyldimethylsilyl) propargyl)-*N*-propargyl]methyl]-1*H*-1,2,3-triazol-1-yl]acetic acid

2-[4-[*N*-[(3-(*tert*-Butyldimethylsilyl)propargyl)-*N*-propargyl]methyl]-1*H*-1,2,3-triazol-1-yl]acetic acid

[1383739-04-5]

$C_{17}H_{26}N_4O_2Si$ MW 346.50



^{1}H NMR

>95%

Order Unit

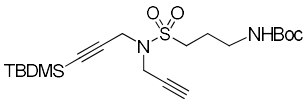
100 mg : FC-6067-0100 1 g : FC-6067-1

FC-6068 *N*-[3-(*tert*-Butyldimethylsilyl)propargyl]-*N*-propargyl-*N*-3-(Boc-amino)propane-1-sulfonamide

N-[3-(*tert*-Butyldimethylsilyl)propargyl]-*N*-propargyl-*N*-3-(-Boc-amino)propane-1-sulfonamide

[1383436-73-4]

$C_{20}H_{36}N_2O_4SSi$ MW 428.66



^{1}H NMR

>95%

Order Unit

100 mg : FC-6068-0100

1 g : FC-6068-1 5 g : FC-6068-5

FC-6070 Fmoc-L-Asn(*N*-propargyl)-OH

Fmoc-L-Asn(*N*-propargyl)-OH

$C_{23}H_{22}N_2O_5$ MW 406.43

^{1}H NMR, purity

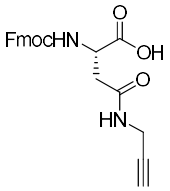
>95% (HPLC)

Order Unit

100 mg : FC-6070-0100

500 mg : FC-6070-0500

1 g : FC-6070-1



FC-6071 Fmoc-D-Asn(*N*-propargyl)-OH

Fmoc-D-Asn(*N*-propargyl)-OH

$C_{23}H_{22}N_2O_5$ MW 406.43

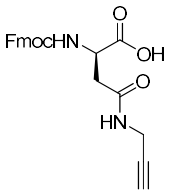
^{1}H NMR, purity

>95% (HPLC)

Order Unit

100 mg : FC-6071-0100

500 mg : FC-6071-0500



FC-6072 Fmoc-L-Asn(*N*-3-azidopropyl)-OH

Fmoc-L-Asn(*N*-3-azidopropyl)-OH

$C_{23}H_{25}N_5O_5$ MW 451.48

^{1}H NMR, purity

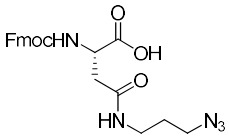
>95% (HPLC)

Order Unit

100 mg : FC-6072-0100

500 mg : FC-6072-0500

1 g : FC-6072-1



FC-6073 Fmoc-D-Asn(*N*-3-azidopropyl)-OH

Fmoc-D-Asn(*N*-3-azidopropyl)-OH

$C_{23}H_{25}N_5O_5$ MW 451.48

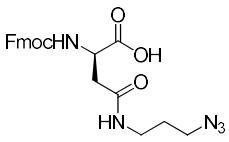
^{1}H NMR, purity

>95% (HPLC)

Order Unit

100 mg : FC-6073-0100

500 mg : FC-6073-0500



FC-6090 *N*-[3-(Triethoxysilyl)propyl]-2-azidoacetamide

N-[3-(Triethoxysilyl)propyl]-2-azidoacetamide

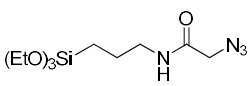
$C_{11}H_{24}N_4O_4Si$ MW 304.42

^{1}H NMR

>95%

Order Unit

100 mg : FC-6090-0100 1 g : FC-6090-1

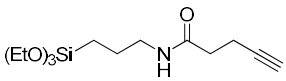


FC-6091 *N*-[3-(Triethoxysilyl)propyl]-pent-4-ynamide

N-[3-(Triethoxysilyl)propyl]-pent-4-ynamide

$C_{14}H_{27}NO_4Si$ MW 301.45

^{1}H NMR



>95%

Order Unit

100 mg : FC-6091-100 1 g : FC-6091-1

FC-6095 3-Azidopropyl-NOTA

3-Azidopropyl-NOTA

$C_{23}H_{34}N_8O_6S$ MW 550.63

^{1}H NMR, purity

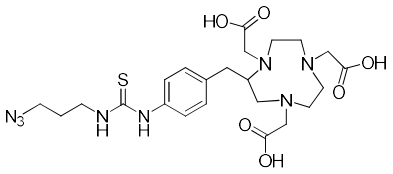
>95% (HPLC)

Order Unit

1 mg : FC-6095-0001

10 mg : FC-6095-0010

50 mg : FC-6095-0050



FC-6096 Propargyl-NOTA

Propargyl-NOTA

$C_{23}H_{31}N_5O_6S$ MW 505.59

^{1}H NMR, purity

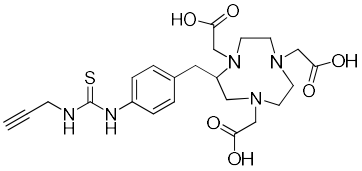
>95% (HPLC)

Order Unit

1 mg : FC-6096-0001

10 mg : FC-6096-0010

50 mg : FC-6096-0050

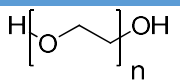


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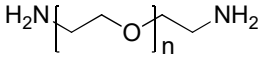
3. HomoBifunctional Linkers

HO-PEGn-OH



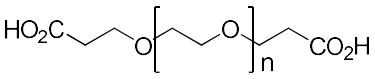
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
233405	HO-PEG$_5$-OH	>98%	4792-15-8	$C_{10}H_{22}O_6$	238.28	25 g
233406	HO-PEG$_6$-OH	>98%	2615-15-8	$C_{12}H_{26}O_7$	282.33	5 g, 25 g
233407	HO-PEG$_7$-OH	>98%	5617-32-3	$C_{14}H_{30}O_8$	326.38	5 g, 25 g
233408	HO-PEG$_8$-OH	>98%	5117-19-1	$C_{16}H_{34}O_9$	370.44	5 g, 25 g
233409	HO-PEG$_9$-OH	>97%	3386-18-3	$C_{18}H_{38}O_{10}$	414.49	5 g, 25 g
233410	HO-PEG$_{10}$-OH	>97%	5579-66-8	$C_{20}H_{42}O_{11}$	458.55	5 g, 25 g
233411	HO-PEG$_{11}$-OH	>97%	6809-70-7	$C_{22}H_{46}O_{12}$	502.59	5 g, 25 g
233412	HO-PEG$_{12}$-OH	>97%	6790-09-6	$C_{24}H_{50}O_{13}$	546.65	1 g, 5 g
233416	HO-PEG$_{16}$-OH	>95%	4669-05-0	$C_{32}H_{66}O_{17}$	722.86	1 g, 5 g
233424	HO-PEG$_{24}$-OH	>95%	-	$C_{48}H_{98}O_{25}$	1075.28	250 mg, 1 g

H_2N-PEGn-$CH_2CH_2NH_2$



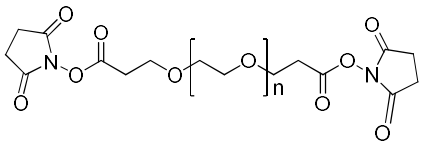
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
233603	H_2N-PEG$_3$-$CH_2CH_2NH_2$	>97%	929-75-9	$C_8H_{20}N_2O_3$	192.26	1 g, 5 g
233604	H_2N-PEG$_4$-$CH_2CH_2NH_2$	>97%	68960-97-4	$C_{10}H_{24}N_2O_4$	236.31	1 g
233605	H_2N-PEG$_5$-$CH_2CH_2NH_2$	>97%	72236-26-1	$C_{12}H_{28}N_2O_5$	280.36	1 g
233606	H_2N-PEG$_6$-$CH_2CH_2NH_2$	>97%	-	$C_{14}H_{32}N_2O_6$	324.41	1 g
233607	H_2N-PEG$_7$-$CH_2CH_2NH_2$	>97%	332941-25-0	$C_{16}H_{36}N_2O_7$	368.46	1 g
233608	H_2N-PEG$_8$-$CH_2CH_2NH_2$	>97%	822096-36-7	$C_{18}H_{40}N_2O_8$	412.52	1 g
233609	H_2N-PEG$_9$-$CH_2CH_2NH_2$	>97%	-	$C_{20}H_{44}N_2O_9$	456.57	1 g
233610	H_2N-PEG$_{10}$-$CH_2CH_2NH_2$	>97%	928292-69-7	$C_{22}H_{48}N_2O_{10}$	500.62	1 g
233611	H_2N-PEG$_{11}$-$CH_2CH_2NH_2$	>97%	-	$C_{24}H_{52}N_2O_{11}$	544.68	1 g
233615	H_2N-PEG$_{15}$-$CH_2CH_2NH_2$	>95%	-	$C_{32}H_{68}N_2O_{15}$	720.90	1 g
233623	H_2N-PEG$_{23}$-$CH_2CH_2NH_2$	>95%	-	$C_{48}H_{100}N_2O_{23}$	1073.31	1 g

$HOOCCH_2CH_2O$-PEGn-CH_2CH_2COOH



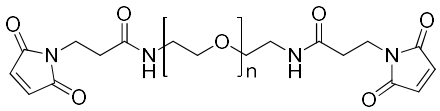
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
233203	$HOOCCH_2CH_2O$-PEG$_3$-CH_2CH_2COOH	>97%	31127-85-2	$C_{12}H_{22}O_8$	294.30	1 g
233204	$HOOCCH_2CH_2O$-PEG$_4$-CH_2CH_2COOH	>97%	439114-13-3	$C_{14}H_{26}O_9$	338.35	1 g
233206	$HOOCCH_2CH_2O$-PEG$_6$-CH_2CH_2COOH	>97%	94376-75-7	$C_{18}H_{34}O_{11}$	426.46	1 g
233208	$HOOCCH_2CH_2O$-PEG$_8$-CH_2CH_2COOH	>97%	-	$C_{22}H_{42}O_{13}$	514.56	1 g
233209	$HOOCCH_2CH_2O$-PEG$_9$-CH_2CH_2COOH	>97%	-	$C_{24}H_{46}O_{14}$	558.61	1 g
233210	$HOOCCH_2CH_2O$-PEG$_{10}$-CH_2CH_2COOH	>97%	-	$C_{26}H_{50}O_{15}$	602.67	1 g
233212	$HOOCCH_2CH_2O$-PEG$_{12}$-CH_2CH_2COOH	>95%	1053656-79-3	$C_{30}H_{58}O_{17}$	690.78	1 g
233224	$HOOCCH_2CH_2O$-PEG$_{24}$-CH_2CH_2COOH	>95%	1268488-70-5	$C_{54}H_{106}O_{29}$	1219.40	250 mg, 1 g

NHS-PEGn-NHS



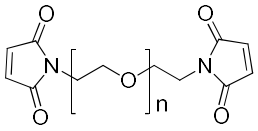
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
233702	NHS-PEG_2-NHS	>98%	1314378-16-9	$C_{18}H_{24}N_2O_{11}$	444.39	1 g
233703	NHS-PEG_3-NHS	>98%	1314378-11-4	$C_{20}H_{28}N_2O_{12}$	488.45	1 g
233704	NHS-PEG_4-NHS	>97%	756526-03-1	$C_{22}H_{32}N_2O_{13}$	532.50	1 g
233706	NHS-PEG_6-NHS	>97%	1314170-02-3	$C_{26}H_{40}N_2O_{15}$	620.61	1 g
233708	NHS-PEG_8-NHS	>97%	1008402-79-6	$C_{30}H_{48}N_2O_{17}$	708.71	1 g
233709	NHS-PEG_9-NHS	>97%	1008402-79-6	$C_{32}H_{52}N_2O_{18}$	752.77	1 g
233712	NHS-PEG_{12}-NHS	>95%	1008402-79-6	$C_{38}H_{64}N_2O_{21}$	884.92	1 g
233716	NHS-PEG_{16}-NHS	>95%	1008402-79-6	$C_{46}H_{80}N_2O_{25}$	1061.14	250 mg, 1 g
233724	NHS-PEG_{24}-NHS	>95%	1008402-79-6	$C_{62}H_{112}N_2O_{33}$	1413.56	250 mg, 1 g

Mal-NH-PEGn-NH-Mal



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
236603	Mal-NH-PEG3-NH-Mal	>97%	-	$C_{22}H_{30}N_4O_9$	494.50	1 g
236605	Mal-NH-PEG5-NH-Mal	>97%	-	$C_{26}H_{38}N_4O_{11}$	582.60	1 g
236606	Mal-NH-PEG6-NH-Mal	>97%	-	$C_{28}H_{42}N_4O_{12}$	626.65	1 g
236607	Mal-NH-PEG7-NH-Mal	>97%	-	$C_{30}H_{46}N_4O_{13}$	670.70	1 g
236611	Mal-NH-PEG11-NH-Mal	>97%	-	$C_{38}H_{62}N_4O_{17}$	846.92	1 g

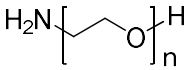
Mal-PEGn-CH_2CH_2Mal



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
236503	Mal-PEG_3-CH_2CH_2Mal	>97%	-	$C_{16}H_{20}N_2O_7$	352.34	1 g
236505	Mal-PEG_5-CH_2CH_2Mal	>97%	-	$C_{20}H_{28}N_2O_9$	440.44	1 g
236506	Mal-PEG_6-CH_2CH_2Mal	>97%	-	$C_{22}H_{32}N_2O_{10}$	484.50	1 g
236511	Mal-PEG_{11}-CH_2CH_2Mal	>97%	-	$C_{32}H_{52}N_2O_{15}$	704.76	1 g

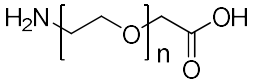
4. Heterobifunctional Linkers

H_2N-PEG$_n$-OH



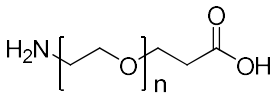
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432603	H_2N-PEG$_3$-OH	>98%	6338-55-2	$C_6H_{15}NO_3$	149.19	1 g
432604	H_2N-PEG$_4$-OH	>98%	86770-74-3	$C_8H_{19}NO_4$	193.24	1 g, 5 g
432605	H_2N-PEG$_5$-OH	>97%	-	$C_{10}H_{25}NO_5$	237.29	1 g, 5 g
432606	H_2N-PEG$_6$-OH	>97%	39160-70-8	$C_{12}H_{27}NO_6$	281.35	1 g, 5 g
432607	H_2N-PEG$_7$-OH	>97%	-	$C_{14}H_{31}NO_7$	325.40	1 g, 5 g
432608	H_2N-PEG$_8$-OH	>97%	352439-37-3	$C_{16}H_{35}NO_8$	369.45	1 g, 5 g
432610	H_2N-PEG$_{10}$-OH	>97%	-	$C_{20}H_{43}NO_{10}$	457.55	1 g
432612	H_2N-PEG$_{12}$-OH	>97%	933789-97-0	$C_{24}H_{51}NO_{12}$	545.66	500 mg, 1 g
432624	H_2N-PEG$_{24}$-OH	>95%	933789-97-0	$C_{48}H_{99}NO_{24}$	1074.29	250 mg, 1 g
432636	H_2N-PEG$_{36}$-OH	>95%	933789-97-0	$C_{72}H_{147}NO_{36}$	1602.92	250 mg, 1 g

H_2N-PEG$_n$-CH_2COOH



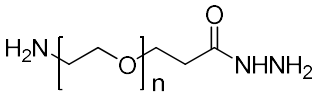
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432102	H_2N-PEG$_2$-CH_2COOH	>97%	134978-97-5	$C_6H_{13}NO_4$	163.17	1 g
432103	H_2N-PEG$_3$-CH_2COOH	>97%	-	$C_8H_{17}NO_5$	207.22	1 g
432104	H_2N-PEG$_4$-CH_2COOH	>97%	195071-49-9	$C_{10}H_{21}NO_6$	251.28	1 g
432105	H_2N-PEG$_5$-CH_2COOH	>97%	141282-35-1	$C_{12}H_{25}NO_7$	295.33	1 g
432112	H_2N-PEG$_{12}$-CH_2COOH	>95%	-	$C_{26}H_{53}NO_{14}$	603.70	250 mg, 1 g

H_2N-PEG$_n$-CH_2CH_2COOH



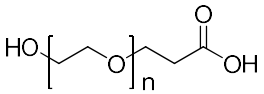
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432202	H_2N-PEG$_2$-CH_2CH_2COOH	>98%	791028-27-8	$C_7H_{15}NO_4$	177.20	1 g
432203	H_2N-PEG$_3$-CH_2CH_2COOH	>98%	784105-33-5	$C_9H_{19}NO_5$	221.25	1 g
432204	H_2N-PEG$_4$-CH_2CH_2COOH	>98%	663921-15-1	$C_{11}H_{23}NO_6$	265.31	1 g
432206	H_2N-PEG$_6$-CH_2CH_2COOH	>97%	905954-28-1	$C_{15}H_{31}NO_8$	353.41	1 g
432208	H_2N-PEG$_8$-CH_2CH_2COOH	>97%	756526-04-2	$C_{19}H_{39}NO_{10}$	441.52	1 g
432210	H_2N-PEG$_{10}$-CH_2CH_2COOH	>97%	-	$C_{23}H_{47}NO_{12}$	529.62	250 mg, 1 g
432212	H_2N-PEG$_{12}$-CH_2CH_2COOH	>97%	1186194-33-1	$C_{27}H_{55}NO_{14}$	617.72	250 mg, 1 g
432224	H_2N-PEG$_{24}$-CH_2CH_2COOH	>95%	756526-07-4	$C_{51}H_{103}NO_{26}$	1146.35	250 mg, 1 g
432236	H_2N-PEG$_{36}$-CH_2CH_2COOH	>95%	756526-07-4	$C_{75}H_{151}NO_{38}$	1674.99	250 mg, 1 g

H_2N-PEG$_n$-Hydrazide



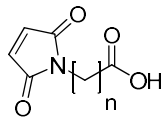
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
434904	H_2N-PEG$_4$-Hydrazide	>97%	-	$C_{11}H_{25}N_3N_5$	279.33	1 g, 5 g
434905	H_2N-PEG$_5$-Hydrazide	>97%	-	$C_{13}H_{29}N_3N_6$	323.39	1 g, 5 g
434906	H_2N-PEG$_6$-Hydrazide	>97%	-	$C_{15}H_{33}N_3N_7$	367.44	1 g, 5 g
434908	H_2N-PEG$_8$-Hydrazide	>97%	-	$C_{19}H_{41}N_3N_9$	455.54	1 g, 5 g
434912	H_2N-PEG$_{12}$-Hydrazide	>97%	-	$C_{27}H_{57}N_3N_{13}$	631.75	1 g, 5 g

HO-PEG$_n$-CH_2CH_2COOH



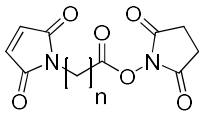
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
434202	HO-PEG$_2$-CH_2CH_2COOH	>98%	-	$C_7H_{14}O_5$	178.18	1 g
434204	HO-PEG$_4$-CH_2CH_2COOH	>98%	-	$C_{11}H_{22}O_7$	266.29	1 g
434206	HO-PEG$_6$-CH_2CH_2COOH	>98%	1347750-85-9	$C_{15}H_{30}O_9$	354.39	1 g
434208	HO-PEG$_8$-CH_2CH_2COOH	>98%	937188-60-8	$C_{19}H_{38}O_{11}$	442.50	1 g
434210	HO-PEG$_{10}$-CH_2CH_2COOH	>98%	-	$C_{23}H_{46}O_{13}$	530.60	1 g
434212	HO-PEG$_{12}$-CH_2CH_2COOH	>97%	-	$C_{27}H_{54}O_{15}$	618.71	250 mg, 1 g
434224	HO-PEG$_{24}$-CH_2CH_2COOH	>95%	-	$C_{51}H_{102}O_{27}$	1147.34	250 mg, 1 g

Maleimide-$(CH_2)_n$-COOH



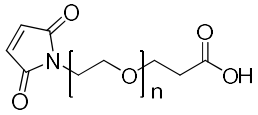
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
456202	Mal-$(CH_2)_2$-COOH	>99%	7423-55-4	$C_7H_7NO_4$	169.14	1 g, 5 g
456203	Mal-$(CH_2)_3$-COOH	>99%	57078-98-5	$C_8H_9NO_4$	183.16	1 g, 5 g
456205	Mal-$(CH_2)_5$-COOH	>98%	55750-53-3	$C_{10}H_{13}NO_4$	211.22	1 g, 5 g
456210	Mal-$(CH_2)_{10}$-COOH	-	57079-01-3	$C_{15}H_{23}NO_4$	281.35	1 g

Maleimide-$(CH_2)_n$-NHS



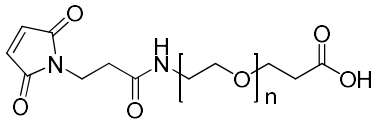
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
457602	Maleimide-$(CH_2)_2$-COONHS	> 98%	55750-62-4	$C_{11}H_{10}N_2O_6$	266.21	1 g, 5 g
457605	Maleimide-$(CH_2)_5$-COONHS	> 98%	55750-63-5	$C_{14}H_{16}N_2O_6$	308.29	1 g, 5 g
457610	Maleimide-$(CH_2)_{10}$-COONHS	> 98%	87981-04-2	$C_{19}H_{26}N_2O_6$	378.42	1 g

Maleimide-PEG$_n$-CH_2CH_2COOH



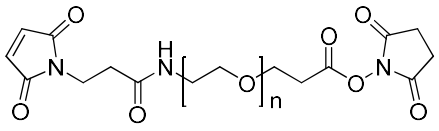
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
436402	Maleimide-PEG_2-CH_2CH_2COOH	>97%	-	$C_{11}H_{15}NO_6$	257.24	1 g, 5 g
436403	Maleimide-PEG_3-CH_2CH_2COOH	>97%	-	$C_{13}H_{19}NO_7$	301.29	1 g, 5 g
436404	Maleimide-PEG_4-CH_2CH_2COOH	>97%	-	$C_{15}H_{23}NO_8$	345.35	1 g, 5 g
436406	Maleimide-PEG_6-CH_2CH_2COOH	>97%	-	$C_{19}H_{31}NO_{10}$	433.45	1 g, 5 g
436408	Maleimide-PEG_8-CH_2CH_2COOH	>97%	-	$C_{23}H_{39}NO_{12}$	521.56	1 g, 5 g
436410	Maleimide-PEG_{10}-CH_2CH_2COOH	>97%	-	$C_{27}H_{47}NO_{14}$	609.66	1 g, 5 g
436412	Maleimide-PEG_{12}-CH_2CH_2COOH	>97%	-	$C_{31}H_{55}NO_{16}$	697.77	1 g, 5 g
436424	Maleimide-PEG_{24}-CH_2CH_2COOH	>95%	-	$C_{55}H_{103}NO_{28}$	1226.40	1 g, 5 g

Maleimide-NH-PEG$_n$-CH_2CH_2COOH



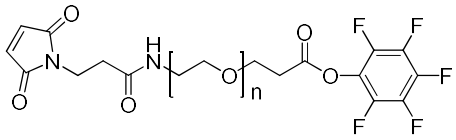
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
436202	Mal-NH-PEG_2-CH_2CH_2COOH	>97%	756525-98-1	$C_{14}H_{20}N_2O_7$	328.32	1 g
436204	Mal-NH-PEG_4-CH_2CH_2COOH	>97%	-	$C_{18}H_{28}N_2O_9$	416.42	1 g
436206	Mal-NH-PEG_6-CH_2CH_2COOH	>97%	1334177-79-5	$C_{22}H_{36}N_2O_{11}$	504.53	1 g
436208	Mal-NH-PEG_8-CH_2CH_2COOH	>97%	1334177-86-4	$C_{26}H_{44}N_2O_{13}$	592.63	1 g
436210	Mal-NH-PEG_{10}-CH_2CH_2COOH	>97%	-	$C_{30}H_{52}N_2O_{15}$	680.74	1 g
436212	Mal-NH-PEG_{12}-CH_2CH_2COOH	>97%	871133-36-7	$C_{34}H_{60}N_2O_{17}$	768.84	250 mg, 1 g
436216	Mal-NH-PEG_{16}-CH_2CH_2COOH	>95%	-	$C_{42}H_{76}N_2O_{21}$	945.07	250 mg, 1 g
436224	Mal-NH-PEG_{24}-CH_2CH_2COOH	>95%	871133-36-7	$C_{58}H_{108}N_2O_{29}$	1297.47	250 mg, 1 g

Maleimide-NH-PEG$_n$-$CH_2CH_2COONHS$ Ester



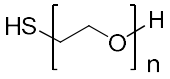
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
436702	Mal-NH-PEG_2-$CH_2CH_2COONHS$ Ester	>98%	955094-26-5	$C_{18}H_{23}N_3O_9$	425.39	1 g
436704	Mal-NH-PEG_4-$CH_2CH_2COONHS$ Ester	>98%	756525-99-2	$C_{22}H_{31}N_3O_{11}$	513.50	1 g
436706	Mal-NH-PEG_6-$CH_2CH_2COONHS$ Ester	>98%	1137109-21-7	$C_{26}H_{39}N_3O_{13}$	601.60	1 g
436708	Mal-NH-PEG_8-$CH_2CH_2COONHS$ Ester	>97%	756525-93-6	$C_{30}H_{47}N_3O_{15}$	689.71	1 g
436710	Mal-NH-PEG_{10}-$CH_2CH_2COONHS$ Ester	>97%	1137109-22-8	$C_{34}H_{55}N_3O_{17}$	777.82	1 g
436712	Mal-NH-PEG_{12}-$CH_2CH_2COONHS$ Ester	>97%	756525-92-5	$C_{38}H_{63}N_3O_{19}$	865.93	250 mg, 1 g
436716	Mal-NH-PEG_{16}-$CH_2CH_2COONHS$ Ester	>95%	326003-46-7	$C_{46}H_{79}N_3O_{23}$	1042.14	250 mg, 1 g
436724	Mal-NH-PEG_{24}-$CH_2CH_2COONHS$ Ester	>95%	326003-46-7	$C_{62}H_{111}N_3O_{31}$	1394.55	250 mg, 1 g

Maleimide-NH-PEG$_n$-CH_2CH_2COOPFP Ester



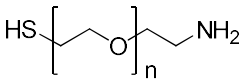
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
436302	Maleimide-PEG$_2$-CH_2CH_2PFP Ester	>97%	-	$C_{20}H_{19}F_5N_2O_7$	494.37	1 g
436304	Maleimide-PEG$_4$-CH_2CH_2PFP Ester	>97%	-	$C_{24}H_{27}F_5N_2O_9$	582.47	1 g
436306	Maleimide-PEG$_6$-CH_2CH_2PFP Ester	>97%	-	$C_{28}H_{35}F_5N_2O_{11}$	670.58	1 g
436308	Maleimide-PEG$_8$-CH_2CH_2PFP Ester	>97%	-	$C_{32}H_{43}F_5N_2O_{13}$	758.68	1 g
436310	Maleimide-PEG$_{10}$-CH_2CH_2PFP Ester	>97%	-	$C_{36}H_{51}F_5N_2O_{15}$	846.79	1 g
436312	Maleimide-PEG$_{12}$-CH_2CH_2PFP Ester	>97%	-	$C_{40}H_{59}F_5N_2O_{17}$	934.89	250 mg, 1 g
436316	Maleimide-PEG$_{16}$-CH_2CH_2PFP Ester	>95%	-	$C_{48}H_{75}F_5N_2O_{21}$	1111.12	250 mg, 1 g
436324	Maleimide-PEG$_{24}$-CH_2CH_2PFP Ester	>95%	-	$C_{64}H_{107}F_5N_2O_{29}$	1463.62	250 mg, 1 g

HS-PEG$_n$-OH



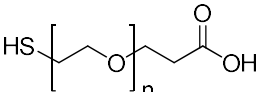
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
434503	HS-PEG$_3$-OH	>95%	-	$C_6H_{14}SO_3$	166.24	250 mg, 1 g
434504	HS-PEG$_4$-OH	>95%	-	$C_8H_{18}SO_4$	210.29	250 mg, 1 g
434505	HS-PEG$_5$-OH	>95%	-	$C_{10}H_{22}SO_5$	254.34	250 mg, 1 g
434506	HS-PEG$_6$-OH	>95%	-	$C_{12}H_{26}SO_6$	298.40	250 mg, 1 g
434508	HS-PEG$_8$-OH	>95%	-	$C_{16}H_{34}SO_8$	386.50	250 mg, 1 g
434512	HS-PEG$_{12}$-OH	>95%	-	$C_{24}H_{50}SO_{12}$	562.71	250 mg, 1 g

HS-PEG$_n$-$CH_2CH_2NH_2$



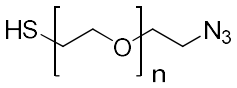
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
437603	HS-PEG$_3$-$CH_2CH_2NH_2$	>95%	-	$C_8H_{19}NO_3S$	209.31	1 g
437605	HS-PEG$_5$-$CH_2CH_2NH_2$	>95%	-	$C_{12}H_{27}NO_5S$	297.41	1 g
437607	HS-PEG$_7$-$CH_2CH_2NH_2$	>95%	-	$C_{16}H_{35}NO_7S$	385.52	1 g

HS-PEG$_n$-CH_2CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
438703	HS-PEG$_3$-CH_2CH_2COOH	>95%	-	$C_9H_{18}O_5S$	238.30	250 mg, 1 g
438704	HS-PEG$_4$-CH_2CH_2COOH	>95%	749247-06-1	$C_{11}H_{22}O_6S$	282.35	250 mg, 1 g
438705	HS-PEG$_5$-CH_2CH_2COOH	>95%	-	$C_{13}H_{26}O_7S$	326.41	250 mg, 1 g
438706	HS-PEG$_6$-CH_2CH_2COOH	>95%	-	$C_{15}H_{30}O_8S$	370.46	250 mg, 1 g
438708	HS-PEG$_8$-CH_2CH_2COOH	>95%	866889-02-3	$C_{19}H_{38}O_{10}S$	458.56	250 mg, 1 g
438710	HS-PEG$_{10}$-CH_2CH_2COOH	>95%	-	$C_{23}H_{46}O_{12}S$	546.68	250 mg, 1 g
438712	HS-PEG$_{12}$-CH_2CH_2COOH	>95%	1032347-93-5	$C_{27}H_{54}O_{14}S$	634.77	250 mg, 1 g

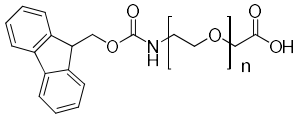
HS-PEGn-$CH_2CH_2N_3$



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
434703	HS-PEG_3-$CH_2CH_2N_3$	>95%	-	$C_8H_{17}N_3O_3S$	235.30	250 mg, 1 g
434705	HS-PEG_5-$CH_2CH_2N_3$	>95%	-	$C_{12}H_{25}N_3O_5S$	323.41	250 mg, 1 g
434707	HS-PEG_7-$CH_2CH_2N_3$	>95%	-	$C_{16}H_{33}N_3O_7S$	411.51	250 mg, 1 g
434711	HS-PEG_{11}-$CH_2CH_2N_3$	>95%	-	$C_{24}H_{49}N_3O_{11}S$	587.72	250 mg, 1 g

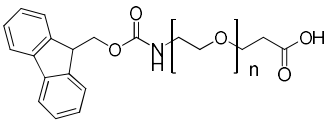
5. Linkers with Protecting Groups

Fmoc-NH-PEGn-CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
433201	Fmoc-NH-PEG_1-CH_2COOH	>98%	260367-12-2	$C_{19}H_{19}NO_5$	341.36	1 g, 5 g
433202	Fmoc-NH-PEG_2-CH_2COOH	>98%	166108-71-0	$C_{21}H_{23}NO_6$	385.42	1 g, 5 g
433203	Fmoc-NH-PEG_3-CH_2COOH	>98%	139338-72-0	$C_{23}H_{27}NO_7$	429.47	1 g, 5 g
433204	Fmoc-NH-PEG_4-CH_2COOH	>98%	437655-95-3	$C_{25}H_{31}NO_8$	473.52	1 g, 5 g
433205	Fmoc-NH-PEG_5-CH_2COOH	>98%	635287-26-2	$C_{27}H_{35}NO_9$	517.57	1 g, 5 g
433208	Fmoc-NH-PEG_8-CH_2COOH	>97%	868594-52-9	$C_{33}H_{47}NO_{12}$	649.73	1 g, 5 g

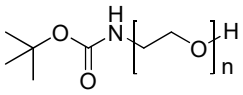
Fmoc-NH-PEGn-CH_2CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
433701	Fmoc-NH-PEG_1-CH_2CH_2COOH	>97%	-	$C_{20}H_{21}NO_5$	355.39	1 g, 5 g
433702	Fmoc-NH-PEG_2-CH_2CH_2COOH	>98%	872679-70-4	$C_{22}H_{25}NO_6$	399.44	1 g, 5 g
433703	Fmoc-NH-PEG_3-CH_2CH_2COOH	>97%	867062-95-1	$C_{24}H_{29}NO_7$	443.49	1 g, 5 g
433704	Fmoc-NH-PEG_4-CH_2CH_2COOH	>98%	557756-85-1	$C_{26}H_{33}NO_8$	487.54	1 g, 5 g
433705	Fmoc-NH-PEG_5-CH_2CH_2COOH	>98%	882847-32-7	$C_{28}H_{37}NO_9$	531.59	1 g, 5 g
433706	Fmoc-NH-PEG_6-CH_2CH_2COOH	>98%	882847-34-9	$C_{30}H_{41}NO_{10}$	575.65	1 g, 5 g
433707	Fmoc-NH-PEG_7-CH_2CH_2COOH	>98%	-	$C_{32}H_{45}NO_{14}$	619.70	1 g
433708	Fmoc-NH-PEG_8-CH_2CH_2COOH	>98%	756526-02-0	$C_{34}H_{49}NO_{12}$	663.75	1 g, 5 g
433709	Fmoc-NH-PEG_9-CH_2CH_2COOH	>98%	1191064-81-9	$C_{36}H_{53}NO_{13}$	707.81	1 g
433710	Fmoc-NH-PEG_{10}-CH_2CH_2COOH	>98%	-	$C_{38}H_{57}NO_{14}$	751.86	1 g
433712	Fmoc-NH-PEG_{12}-CH_2CH_2COOH	>98%	756526-01-9	$C_{42}H_{65}NO_{16}$	839.96	1 g

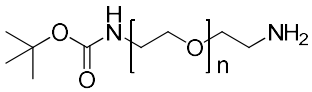
433716	Fmoc-NH-PEG_{16}-CH_2CH_2COOH	>98%	-	$C_{50}H_{81}NO_{20}$	1016.17	250 mg, 1 g
433720	Fmoc-NH-PEG_{20}-CH_2CH_2COOH	>95%	-	$C_{58}H_{97}NO_{24}$	1192.38	250 mg, 1 g
433724	Fmoc-NH-PEG_{24}-CH_2CH_2COOH	>95%	756526-01-9	$C_{66}H_{113}NO_{28}$	1368.59	250 mg, 1 g
433736	Fmoc-NH-PEG_{36}-CH_2CH_2COOH	>95%	756526-01-9	$C_{90}H_{161}NO_{40}$	1897.22	250 mg, 1 g

BocNH-PEGn-OH



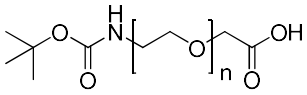
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432404	BocNH-PEG_4-OH	>95%	-	$C_{13}H_{27}NO_6$	293.36	1 g
432406	BocNH-PEG_6-OH	>95%	16545-06-8	$C_{17}H_{35}NO_8$	381.46	1 g
432408	BocNH-PEG_8-OH	>95%	-	$C_{21}H_{43}NO_{10}$	469.56	1 g
432412	BocNH-PEG_{12}-OH	>95%	-	$C_{29}H_{59}NO_{14}$	645.78	1 g
432416	BocNH-PEG_{16}-OH	>95%	-	$C_{37}H_{75}NO_{18}$	821.99	250 mg, 1 g
432424	BocNH-PEG_{24}-OH	>95%	-	$C_{53}H_{107}NO_{26}$	1174.41	250 mg, 1 g
432436	BocNH-PEG_{36}-OH	>95%	-	$C_{77}H_{155}NO_{38}$	1703.04	1 g, 5 g

BocNH-PEGn-$CH_2CH_2NH_2$



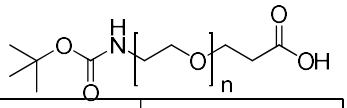
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
4326201	BocNH-PEG_1-$CH_2CH_2NH_2$	> 95%	127828-22-2	$C_9H_{20}N_2O_3$	204.27	1 g, 5 g
4326202	BocNH-$PEG0_2$-$CH_2CH_2NH_2$	-	153086-78-3	$C_{11}H_{24}N_2O_4$	248.32	1 g, 5 g
4326203	BocNH-PEG_3-$CH_2CH_2NH_2$	-	101187-40-0	$C_{13}H_{28}N_2O_5$	292.37	1 g
4326204	BocNH-PEG_4-$CH_2CH_2NH_2$	-	811442-84-9	$C_{15}H_{32}N_2O_6$	336.43	1 g
4326205	BocNH-PEG_5-$CH_2CH_2NH_2$	-	189209-27-6	$C_{17}H_{36}N_2O_7$	380.48	1 g
4326206	BocNH-PEG_6-$CH_2CH_2NH_2$	-	1091627-77-8	$C_{19}H_{40}N_2O_8$	424.53	1 g
4326207	BocNH-PEG_7-$CH_2CH_2NH_2$	-	206265-98-7	$C_{21}H_{44}N_2O_9$	468.58	1 g
4326209	BocNH-PEG_9-$CH_2CH_2NH_2$	-	890091-43-7	$C_{25}H_{52}N_2O_{11}$	556.69	1 g
4326211	BocNH-PEG_{11}-$CH_2CH_2NH_2$	-	890091-42-6	$C_{29}H_{60}N_2O_{13}$	644.79	1 g
4326215	BocNH-PEG_{15}-$CH_2CH_2NH_2$	-	890091-42-6	$C_{37}H_{76}N_2O_{17}$	821.04	250 mg, 1 g
4326223	BocNH-PEG_{23}-$CH_2CH_2NH_2$	-	890091-42-6	$C_{53}H_{108}N_2O_{25}$	1173.44	250 mg, 1 g

Boc-PEGn-CH_2COOH



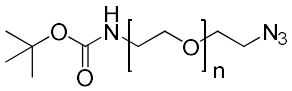
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432501	Boc-NH-PEG_1-CH_2COOH	>98%	-	$C_9H_{17}NO_5$	219.24	1 g, 5 g
432502	Boc-NH-PEG_2-CH_2COOH	>98%	-	$C_{11}H_{21}NO_6$	263.29	1 g, 5 g
432503	Boc-NH-PEG_3-CH_2COOH	>98%	-	$C_{13}H_{25}NO_7$	307.34	1 g, 5 g
432511	Boc-NH-PEG_{11}-CH_2COOH	>98%	-	$C_{29}H_{57}NO_{15}$	659.76	1 g, 5 g

Boc-PEG$_n$-CH_2CH_2COOH



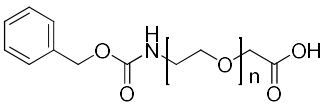
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432701	Boc-NH-PEG$_1$-CH_2CH_2COOH	>98%	-	$C_{10}H_{19}NO_5$	233.26	1 g
432702	Boc-NH-PEG$_2$-CH_2CH_2COOH	>98%	-	$C_{12}H_{23}NO_6$	277.31	1 g
432703	Boc-NH-PEG$_3$-CH_2CH_2COOH	>98%	-	$C_{14}H_{27}NO_7$	321.37	1 g
432704	Boc-NH-PEG$_4$-CH_2CH_2COOH	>98%	756525-91-4	$C_{16}H_{31}NO_8$	365.42	1 g, 5 g
432705	Boc-NH-PEG$_5$-CH_2CH_2COOH	>98%	-	$C_{18}H_{35}NO_9$	409.47	1 g
432706	Boc-NH-PEG$_6$-CH_2CH_2COOH	>98%	882847-13-4	$C_{20}H_{39}NO_{10}$	453.53	1 g, 5 g
432707	Boc-NH-PEG$_7$-CH_2CH_2COOH	>98%	-	$C_{22}H_{43}NO_{11}$	497.58	1 g
432708	Boc-NH-PEG$_8$-CH_2CH_2COOH	>98%	1334169-93-3	$C_{24}H_{47}NO_{12}$	541.64	1 g
432710	Boc-NH-PEG$_{10}$-CH_2CH_2COOH	>95%	-	$C_{28}H_{55}NO_{14}$	629.74	1 g
432712	Boc-NH-PEG$_{12}$-CH_2CH_2COOH	>95%	187848-68-6	$C_{32}H_{63}NO_{16}$	717.85	1 g
432720	Boc-NH-PEG$_{20}$-CH_2CH_2COOH	>95%	-	$C_{48}H_{95}NO_{24}$	1070.26	1 g
432724	Boc-NH-PEG$_{24}$-CH_2CH_2COOH	>95%	187848-68-6	$C_{56}H_{111}NO_{28}$	1246.47	250 mg, 1 g
432736	Boc-NH-PEG$_{36}$-CH_2CH_2COOH	>95%	187848-68-6	$C_{80}H_{159}NO_{40}$	1775.13	250 mg, 1 g

BocNH-PEG$_n$-$CH_2CH_2N_3$



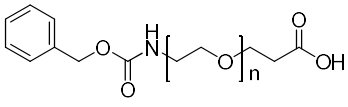
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
4326302	BocNH-PEG$_2$-$CH_2CH_2N_3$	>95%	-	$C_{11}H_{22}N_4O_4$	274.31	1 g
4326304	BocNH-PEG$_4$-$CH_2CH_2N_3$	>95%	-	$C_{15}H_{30}N_4O_6$	362.42	1 g
4326305	BocNH-PEG$_5$-$CH_2CH_2N_3$	>95%	-	$C_{17}H_{34}N_4O_7$	406.47	1 g, 5 g

CBZ-PEG$_n$-CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
4322902	CBZ-NH-PEG$_2$-COOH	> 98%	16545-06-8	$C_{14}H_{19}NO_6$	297.31	1 g
4322903	CBZ-NH-PEG$_3$-COOH	> 98%	462100-05-6	$C_{16}H_{23}NO_7$	341.36	1 g
4322905	CBZ-NH-PEG$_5$-COOH	> 98%	-	$C_{20}H_{31}NO_9$	429.46	1 g
4322908	CBZ-NH-PEG$_8$-COOH	> 98%	-	$C_{26}H_{43}NO_{12}$	561.62	1 g
4322910	CBZ-NH-PEG$_{10}$-COOH	> 97%	-	$C_{30}H_{51}NO_{14}$	649.72	1 g

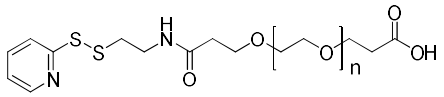
CBZ-PEG$_n$-CH_2CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
4327902	CBZ-NH-PEG$_2$-CH_2CH_2COOH	> 98%	-	$C_{15}H_{21}NO_6$	311.33	1 g
4327903	CBZ-NH-PEG$_3$-CH_2CH_2COOH	> 98%	-	$C_{17}H_{25}NO_7$	355.38	1 g
4327904	CBZ-NH-PEG$_4$-CH_2CH_2COOH	> 98%	756526-00-8	$C_{19}H_{29}NO_8$	399.44	1 g
4327905	CBZ-NH-PEG$_5$-CH_2CH_2COOH	> 98%	-	$C_{21}H_{33}NO_9$	443.49	1 g

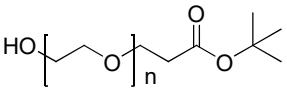
4327906	CBZ-NH-PEG$_6$-CH$_2$CH$_2$COOH	> 98%	1334177-80-8	$C_{23}H_{37}NO_{10}$	487.54	1 g
4327908	CBZ-NH-PEG$_8$-CH$_2$CH$_2$COOH	> 98%	-	$C_{27}H_{45}NO_{12}$	575.65	1 g
4327910	CBZ-NH-PEG$_{10}$-CH$_2$CH$_2$COOH	> 98%	-	$C_{31}H_{53}NO_{14}$	663.75	1 g
4327912	CBZ-NH-PEG$_{12}$-CH$_2$CH$_2$COOH	> 98%	1334177-88-6	$C_{35}H_{61}NO_{16}$	751.86	1 g
4327924	CBZ-NH-PEG$_{24}$-CH$_2$CH$_2$COOH	> 95%	1334177-88-6	$C_{59}H_{109}NO_{28}$	1248.25	250 mg, 1 g
4327936	CBZ-NH-PEG$_{36}$-CH$_2$CH$_2$COOH	> 95%	1334177-88-6	$C_{83}H_{157}NO_{40}$	1809.12	250 mg, 1 g

SPDP-PEGn-CH$_2$CH$_2$COOH



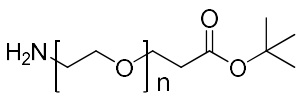
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
437403	Py-S-S-PEG$_3$-CH$_2$CH$_2$COOH	>98%	-	$C_{19}H_{30}N_2O_7S_2$	462.58	1 g
437404	Py-S-S-PEG$_4$-CH$_2$CH$_2$COOH	>98%	-	$C_{21}H_{34}N_2O_8S_2$	506.63	1 g
437406	Py-S-S-PEG$_6$-CH$_2$CH$_2$COOH	>98%	-	$C_{25}H_{42}N_2O_{10}S_2$	594.74	1 g
437408	Py-S-S-PEG$_8$-CH$_2$CH$_2$COOH	>98%	-	$C_{29}H_{50}N_2O_{12}S_2$	682.84	250 mg, 1 g
437410	Py-S-S-PEG$_{10}$-CH$_2$CH$_2$COOH	>98%	-	$C_{33}H_{58}N_2O_{14}S_2$	770.95	250 mg, 1 g
437412	Py-S-S-PEG$_{12}$-CH$_2$CH$_2$COOH	>97%	-	$C_{37}H_{66}N_2O_{16}S_2$	859.05	250 mg, 1 g
437424	Py-S-S-PEG$_{24}$-CH$_2$CH$_2$COOH	>95%	-	$C_{61}H_{114}N_2O_{28}S_2$	1387.68	250 mg, 1 g

HO-PEGn-CH$_2$CH$_2$COOtBu



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
434801	HO-PEG$_1$-CH$_2$CH$_2$COOtBu	>98%	671802-00-9	$C_9H_{18}O_4$	190.24	1 g, 5 g
434802	HO-PEG$_2$-CH$_2$CH$_2$COOtBu	>98%	-	$C_{11}H_{22}O_5$	234.29	1 g, 5 g
434803	HO-PEG$_3$-CH$_2$CH$_2$COOtBu	>98%	186020-66-6	$C_{13}H_{26}O_6$	278.34	1 g, 5 g
434804	HO-PEG$_4$-CH$_2$CH$_2$COOtBu	>98%	518044-32-1	$C_{15}H_{30}O_7$	322.39	1 g, 5 g
434805	HO-PEG$_5$-CH$_2$CH$_2$COOtBu	>98%	850090-09-4	$C_{17}H_{34}O_8$	366.45	1 g
434806	HO-PEG$_6$-CH$_2$CH$_2$COOtBu	>98%	-	$C_{19}H_{38}O_9$	410.50	1 g
434808	HO-PEG$_8$-CH$_2$CH$_2$COOtBu	>98%	1334177-84-2	$C_{23}H_{46}O_{11}$	498.60	1 g
434810	HO-PEG$_{10}$-CH$_2$CH$_2$COOtBu	>97%	778596-26-2	$C_{27}H_{54}O_{13}$	586.71	1 g
434812	HO-PEG$_{12}$-CH$_2$CH$_2$COOtBu	>97%	892154-71-1	$C_{31}H_{62}O_{15}$	674.83	1 g
434816	HO-PEG$_{16}$-CH$_2$CH$_2$COOtBu	>95%	-	$C_{39}H_{78}O_{19}$	851.01	1 g
434824	HO-PEG$_{24}$-CH$_2$CH$_2$COOtBu	>95%	1186025-29-5	$C_{55}H_{110}O_{27}$	1203.45	250 mg, 1 g

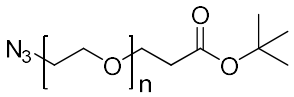
H$_2$N-PEGn-CH$_2$CH$_2$COOtBu



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432802	H$_2$N-PEG$_2$-CH$_2$CH$_2$COOtBu	>98%	756525-95-8	$C_{11}H_{23}NO_4$	233.31	1 g, 5 g
432803	H$_2$N-PEG$_3$-CH$_2$CH$_2$COOtBu	>98%	252881-74-6	$C_{13}H_{27}NO_5$	277.36	1 g, 5 g
432804	H$_2$N-PEG$_4$-CH$_2$CH$_2$COOtBu	>97%	581065-95-4	$C_{15}H_{31}NO_6$	321.41	1 g, 5 g
432805	H$_2$N-PEG$_5$-CH$_2$CH$_2$COOtBu	>97%	-	$C_{17}H_{35}NO_7$	365.46	1 g

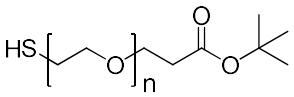
432806	H_2N-PEG_6-$CH_2CH_2COOtBu$	>95%	-	$C_{19}H_{39}NO_8$	409.51	1 g
432808	H_2N-PEG_8-$CH_2CH_2COOtBu$	>95%	756526-06-4	$C_{23}H_{47}NO_{10}$	497.62	1 g
432810	H_2N-PEG_{10}-$CH_2CH_2COOtBu$	-	-	$C_{27}H_{55}NO_{12}$	585.73	1 g
432812	H_2N-PEG_{12}-$CH_2CH_2COOtBu$	-	872340-65-3	$C_{31}H_{63}NO_{14}$	673.83	1 g
432824	H_2N-PEG_{24}-$CH_2CH_2COOtBu$	-	1104076-62-1	$C_{55}H_{111}NO_{26}$	1202.46	250 mg, 1 g
432836	H_2N-PEG_{36}-$CH_2CH_2COOtBu$	-	872340-65-3	$C_{79}H_{159}NO_{38}$	1731.09	250 mg, 1 g

N_3-PEG$_n$-$CH_2CH_2COOtBu$



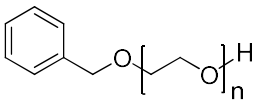
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
436803	N_3-PEG_3-$CH_2CH_2COOtBu$	>98%	252881-73-5	$C_{13}H_{25}N_3O_5$	303.35	1 g
436804	N_3-PEG_4-$CH_2CH_2COOtBu$	>97%	581066-04-8	$C_{15}H_{29}N_3O_6$	347.41	1 g
436805	N_3-PEG_5-$CH_2CH_2COOtBu$	>97%	-	$C_{17}H_{33}N_3O_7$	391.46	1 g
436806	N_3-PEG_6-$CH_2CH_2COOtBu$	>97%	406213-76-1	$C_{19}H_{37}N_3O_8$	435.51	1 g
436808	N_3-PEG_8-$CH_2CH_2COOtBu$	>97%	-	$C_{23}H_{45}N_3O_{10}$	523.62	1 g
436810	N_3-PEG_{10}-$CH_2CH_2COOtBu$	>95%	-	$C_{27}H_{53}N_3O_{12}$	611.72	1 g
436812	N_3-PEG_{12}-$CH_2CH_2COOtBu$	>95%	-	$C_{31}H_{61}N_3O_{14}$	699.83	1 g
436824	N_3-PEG_{24}-$CH_2CH_2COOtBu$	>95%	-	$C_{55}H_{109}N_3O_{26}$	1228.48	250 mg, 1 g

HS-PEG$_n$-$CH_2CH_2COOtBu$



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
437804	HS-PEG_4-$CH_2CH_2COOtBu$	>95%	564476-33-1	$C_{15}H_{30}O_6S$	338.46	1 g
437806	HS-PEG_6-$CH_2CH_2COOtBu$	>95%	-	$C_{19}H_{38}O_8S$	426.57	1 g
437808	HS-PEG_8-$CH_2CH_2COOtBu$	>95%	-	$C_{23}H_{46}O_{10}S$	514.67	1 g
437810	HS-PEG_{10}-$CH_2CH_2COOtBu$	>95%	778596-28-4	$C_{27}H_{54}O_{12}S$	602.78	250 mg, 1 g
437812	HS-PEG_{12}-$CH_2CH_2COOtBu$	>95%	-	$C_{31}H_{62}O_{14}S$	690.89	250 mg, 1 g

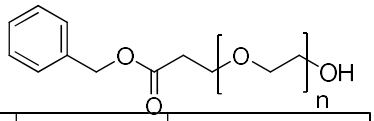
BnO-PEG$_n$-OH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
432903	BnO-PEG_3-OH	>98%	-	$C_{13}H_{20}O_4$	240.30	5 g, 25 g
432904	BnO-PEG_4-OH	>98%	86259-87-2	$C_{15}H_{24}O_5$	284.35	5 g, 25 g
432905	BnO-PEG_5-OH	>98%	57671-28-0	$C_{17}H_{28}O_6$	328.40	5 g, 25 g
432906	BnO-PEG_6-OH	>98%	24342-68-5	$C_{19}H_{32}O_7$	372.46	5 g, 25 g
432907	BnO-PEG_7-OH	>98%	-	$C_{21}H_{36}O_8$	416.50	5 g, 25 g
432908	BnO-PEG_8-OH	>98%	477775-73-8	$C_{23}H_{40}O_9$	460.56	5 g, 25 g
432909	BnO-PEG_9-OH	>97%	-	$C_{25}H_{44}O_{10}$	504.61	5 g, 25 g
432910	BnO-PEG_{10}-OH	>96%	-	$C_{27}H_{48}O_{11}$	548.66	5 g, 25 g

432911	BnO-PEG$_{11}$-OH	>98%	-	$C_{29}H_{52}O_{12}$	592.72	5 g, 25 g
432912	BnO-PEG$_{12}$-OH	>97%	-	$C_{31}H_{56}O_{13}$	636.77	5 g, 25 g

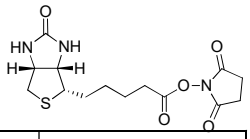
HO-PEG$_n$-Benzyl Ester



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
4329601	HO-PEG$_1$-Benzyl Ester	>98%	-	$C_{12}H_{16}O_4$	224.25	1 g, 5 g
4329604	HO-PEG$_4$-Benzyl Ester	>98%	-	$C_{18}H_{28}O_7$	356.41	1 g, 5 g

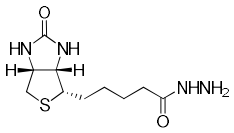
6. Biotinylation Reagents

(+)-Biotin-NHS



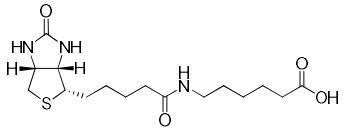
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246201	(+)-Biotin NHS ester	>98%	35013-72-0	$C_{14}H_{19}N_3O_5S$	341.38	1 g

(+)-Biotin-Hydrazide



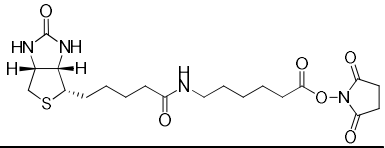
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246303	(+)-Biotin-Hydrazide	>97%	66640-86-6	$C_{10}H_{18}N_4O_2S$	258.34	1 g

(+)-Biotin-LC



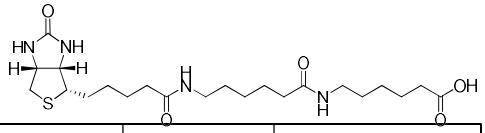
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246401	(+)-Biotin-LC (+)-Biotinamidohexanoic acid	>97%	72040-64-3	$C_{16}H_{27}N_3O_4S$	357.47	250 mg, 1 g

(+)-Biotin-LC NHS ester



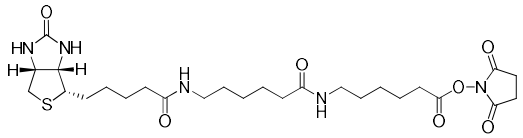
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246501	(+)-Biotin-LC-NHS ester	>98%	72040-63-2	$C_{20}H_{30}N_4O_6S$	454.54	250 mg, 1 g

(+)-Biotin-LC-LC



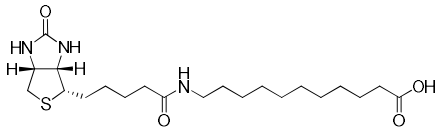
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2462401	(+)-Biotin-LC-LC	>98%	89889-51-0	$C_{22}H_{38}N_4O_5S$	470.63	250 mg

(+)-Biotin-LC-LC-NHS ester



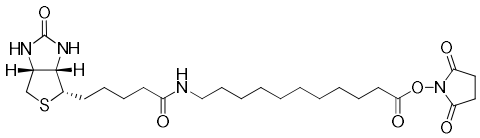
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2462501	(+)-Biotin-LC-LC-NHS ester	>97%	89889-52-1	$C_{26}H_{41}N_5O_7S$	567.70	250 mg

(+)-Biotin-SLC



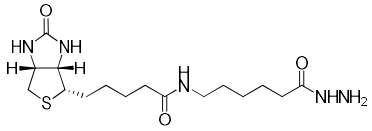
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2476401	(+)-Biotin-SLC	>98%	72040-64-3	$C_{21}H_{37}N_3O_4S$	427.60	250 mg

(+)-Biotin-SLC-NHS ester



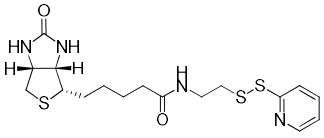
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2476501	(+)-Biotin-SLC ester	>95%	-	$C_{25}H_{40}N_4O_6S$	524.67	250 mg

(+)-Biotin-LC-Hydrazide



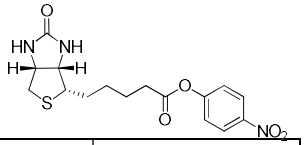
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246601	(+)-Biotin-LC-Hydrazide	>95%	-	$C_{16}H_{29}N_5O_3S$	371.50	250 mg

(+)-Biotin-NHCH$_2$CH$_2$-S-S-Pyr



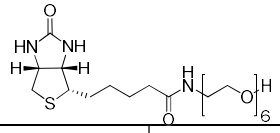
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
24277	(+)-Biotin-S-S-Pyr	>95%	-	$C_{17}H_{24}N_4O_2S_3$	412.59	250 mg

(+)-Biotin-ONP



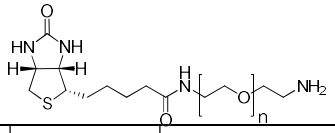
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2476601	(+)-Biotin-ONP	>95%	33755-53-2	$C_{16}H_{19}N_3O_5S$	365.40	1 g

(+)-Biotin-PEG$_6$-OH



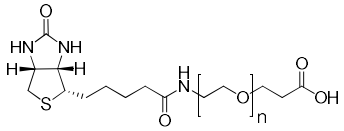
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
245406	(+)-Biotin-PEG$_6$-OH	>97%	906099-89-6	$C_{22}H_{41}N_3O_8S$	507.64	1 g

(+)-Biotin-PEGn-$CH_2CH_2NH_2$



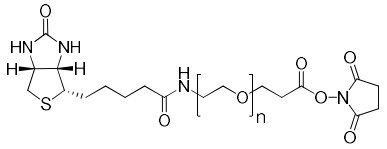
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246700	(+)-Biotin-$CH_2CH_2NH_2$	>98%	-	C12H22N4O2S	286.39	250 mg, 500 mg
246702	(+)-Biotin-PEG$_2$-$CH_2CH_2NH_2$	>98%	138529-46-1	C16H30N4O4S	374.49	250 mg, 500 mg
246703	(+)-Biotin-PEG$_3$-$CH_2CH_2NH_2$	>98%	359860-27-8	C18H34N4O5S	418.55	250 mg, 500 mg
246704	(+)-Biotin-PEG$_4$-$CH_2CH_2NH_2$	>98%	663171-32-2	C20H38N4O6S	462.60	250 mg, 500 mg
246706	(+)-Biotin-PEG$_6$-$CH_2CH_2NH_2$	>97%	-	C24H46N4O8S	550.71	250 mg
246711	(+)-Biotin-PEG$_{11}$-$CH_2CH_2NH_2$	>97%	604786-74-5	C34H66N4O13S	770.97	250 mg

(+)-Biotin-PEGn-CH_2CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246802	(+)-Biotin-PEG$_2$-CH_2CH_2COOH	>97%	-	C17H29N3O6S	403.49	250 mg
246803	(+)-Biotin-PEG$_3$-CH_2CH_2COOH	>98%	252881-76-8	C19H33N3O7S	447.55	250 mg, 500 mg
246804	(+)-Biotin-PEG$_4$-CH_2CH_2COOH	>98%	721431-18-1	C21H37N3O8S	491.60	250 mg, 500 mg
246806	(+)-Biotin-PEG$_6$-CH_2CH_2COOH	>97%	-	C25H45N3O10S	579.70	250 mg
246808	(+)-Biotin-PEG$_8$-CH_2CH_2COOH	>97%	-	C29H53N3O12S	667.81	250 mg
246812	(+)-Biotin-PEG$_{12}$-CH_2CH_2COOH	>97%	-	C37H69N3O16S	844.02	250 mg
246824	(+)-Biotin-PEG$_{24}$-CH_2CH_2COOH	>97%	721431-18-1	C61H117N3O28S	1372.65	50 mg, 250 mg

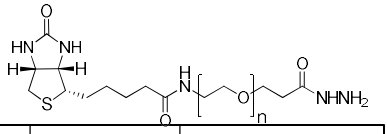
(+)-Biotin-PEGn-CH_2CH_2COO-NHS ester



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
246902	(+)-Biotin-PEG$_2$-CH_2CH_2COO-NHS ester	>97%	596820-83-6	C21H32N4SO8	500.57	250 mg
246903	(+)-Biotin-PEG$_3$-CH_2CH_2COO-NHS ester	>98%	-	C23H36N4SO9	544.62	250 mg
246904	(+)-Biotin-PEG$_4$-CH_2CH_2COO-NHS ester	>98%	459426-22-3	C25H40N4SO10	588.67	250 mg
246906	(+)-Biotin-PEG$_6$-CH_2CH_2COO-NHS ester	>97%	-	C29H48N4SO12	676.78	250 mg
246908	(+)-Biotin-PEG$_8$-CH_2CH_2COO-NHS ester	>97%	-	C33H56N4SO14	764.88	250 mg

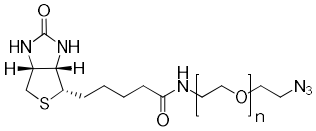
246912	(+)-Biotin-PEG_{12}-CH_2CH_2COO-NHS ester	>97%	-	C41H72N4SO18	941.09	250 mg
246924	(+)-Biotin-PEG_{24}-CH_2CH_2COO-NHS ester	>97%	365441-71-0	C65H120N4SO30	1469.72	50 mg, 250 mg

(+)-Biotin-PEGn-Hydrazide



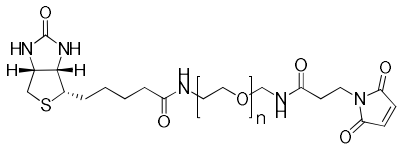
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2461102	(+)-Biotin-PEG_2-Hydrazide	>95%	-	$C_{17}H_{31}N_5SO_5$	417.52	250 mg
2461103	(+)-Biotin-PEG_3-Hydrazide	>95%	-	$C_{19}H_{35}N_5SO_6$	461.58	250 mg
2461104	(+)-Biotin-PEG_4-Hydrazide	>95%	756525-97-0	$C_{21}H_{39}N_5SO_7$	505.63	250 mg
2461106	(+)-Biotin-PEG_6-Hydrazide	>95%	-	$C_{25}H_{47}N_5SO_9$	593.73	250 mg
2461112	(+)-Biotin-PEG_{12}-Hydrazide	>95%	-	$C_{37}H_{71}N_5SO_{15}$	858.05	250 mg

(+)-Biotin-PEGn-$CH_2CH_2N_3$



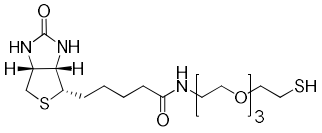
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
245602	(+)-Biotin-PEG_2-CH_2CH_2azide	>97%	-	$C_{16}H_{28}N_6SO_4$	400.50	250 mg, 500 mg
245603	(+)-Biotin-PEG_3-CH_2CH_2azide	>98%	945633-30-7	$C_{18}H_{32}N_6SO_5$	444.55	250 mg
245604	(+)-Biotin-PEG_4-CH_2CH_2azide	>98%	875770-34-6	$C_{20}H_{36}N_6SO_6$	488.60	250 mg, 500 mg
245605	(+)-Biotin-PEG_5-CH_2CH_2azide	>97%	-	$C_{22}H_{40}N_6SO_7$	532.65	250 mg
245611	(+)-Biotin-PEG_{11}-CH_2CH_2azide	>97%	956494-20-5	$C_{34}H_{64}N_6SO_{13}$	796.97	250 mg
245623	(+)-Biotin-PEG_{23}-CH_2CH_2azide	>97%	956494-20-5	$C_{58}H_{112}N_6SO_{25}$	1325.62	250 mg

(+)-Biotin-PEGn-Maleimide



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
2461002	(+)-Biotin-PEG_2-Maleimide	>95%	305372-39-8	$C_{23}H_{35}N_5SO_7$	525.62	250 mg
2461003	(+)-Biotin-PEG_3- Maleimide	>95%	-	$C_{25}H_{39}N_5SO_8$	569.67	250 mg
2461006	(+)-Biotin-PEG_6- Maleimide	>95%	-	$C_{31}H_{51}N_5SO_{11}$	701.83	250 mg
2461012	(+)-Biotin-PEG_{12}- Maleimide	>97%	-	$C_{43}H_{75}N_5SO_{17}$	966.14	250 mg

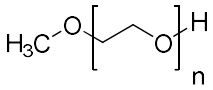
(+)-Biotin-PEG_3-CH_2CH_2SH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
247403	(+)-Biotin-PEG_3-CH_2CH_2SH	>95%	-	$C_{18}H_{33}N_3S_2O_5$	435.60	500 mg, 1 g

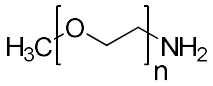
7. PEGylation Reagents

mPEG$_n$-OH



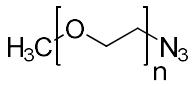
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
366404	mPEG$_4$-OH	>98%	23783-42-8	$C_9H_{20}O_5$	208.25	5 g, 25 g
366405	mPEG$_5$-OH	>98%	23778-52-1	$C_{11}H_{24}O_6$	252.31	5 g, 25 g
366406	mPEG$_6$-OH	>98%	23601-40-3	$C_{13}H_{28}O_7$	296.36	5 g, 25 g
366407	mPEG$_7$-OH	>98%	4437-01-8	$C_{15}H_{32}O_8$	340.41	5 g, 25 g
366408	mPEG$_8$-OH	>98%	25990-96-9	$C_{17}H_{36}O_9$	384.46	5 g, 25 g
366409	mPEG$_9$-OH	>98%	6048-68-6	$C_{19}H_{40}O_{10}$	428.51	5 g, 25 g
366410	mPEG$_{10}$-OH	>98%	27425-92-9	$C_{21}H_{44}O_{11}$	472.57	5 g
366411	mPEG$_{11}$-OH	>98%	114740-40-8	$C_{23}H_{48}O_{12}$	516.62	5 g
366412	mPEG$_{12}$-OH	>98%	5702-16-9	$C_{25}H_{52}O_{13}$	560.67	1 g, 5 g
366416	mPEG$_{16}$-OH	>95%	133604-58-7	$C_{33}H_{68}O_{17}$	736.88	1 g
366424	mPEG$_{24}$-OH	>95%	114740-40-8	$C_{49}H_{100}O_{25}$	1089.30	250 mg, 1 g
366436	mPEG$_{36}$-OH	>95%	114740-40-8	$C_{73}H_{148}O_{37}$	1617.93	250 mg, 1 g
366448	mPEG$_{48}$-OH	>95%	114740-40-8	$C_{97}H_{196}O_{49}$	2146.56	250 mg, 1 g

mPEG$_n$-NH$_2$



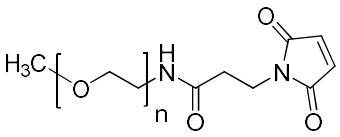
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
364602	mPEG$_2$-NH$_2$	>98%	31576-51-9	$C_5H_{13}NO_2$	119.16	1 g
364603	mPEG$_3$-NH$_2$	>97%	74654-07-2	$C_7H_{17}NO_3$	163.22	1 g, 5 g
364604	mPEG$_4$-NH$_2$	>98%	85030-56-4	$C_9H_{21}NO_4$	207.27	1 g, 5 g
364605	mPEG$_5$-NH$_2$	>98%	5498-83-9	$C_{11}H_{25}NO_5$	251.32	1 g, 5 g
364606	mPEG$_6$-NH$_2$	>97%	184357-46-8	$C_{13}H_{29}NO_6$	295.37	1 g, 5 g
364607	mPEG$_7$-NH$_2$	>98%	170572-38-0	$C_{15}H_{33}NO_7$	339.43	1 g, 5 g
364608	mPEG$_8$-NH$_2$	>98%	869718-81-0	$C_{17}H_{37}NO_8$	383.48	1 g
364609	mPEG$_9$-NH$_2$	>98%	211859-73-3	$C_{19}H_{41}NO_9$	427.53	1 g
364610	mPEG$_{10}$-NH$_2$	>98%	-	$C_{21}H_{45}NO_{10}$	471.58	1 g
364611	mPEG$_{11}$-NH$_2$	>98%	854601-60-8	$C_{23}H_{49}NO_{11}$	515.64	1 g
364612	mPEG$_{12}$-NH$_2$	>97%	869718-87-6	$C_{25}H_{53}NO_{12}$	559.69	250 mg, 1 g
364616	mPEG$_{16}$-NH$_2$	>95%	907577-50-8	$C_{33}H_{69}NO_{16}$	735.90	250 mg, 1 g
364624	mPEG$_{24}$-NH$_2$	>95%	32130-27-1	$C_{49}H_{101}NO_{24}$	1088.32	250 mg, 1 g
364636	mPEG$_{36}$-NH$_2$	>95%	32130-27-1	$C_{73}H_{149}NO_{36}$	1616.97	250 mg, 1 g
364648	mPEG$_{48}$-NH$_2$	>95%	-	$C_{97}H_{197}NO_{48}$	2145.58	250 mg, 1 g

mPEGn-N3



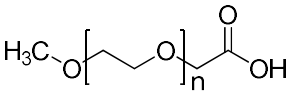
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
366904	$mPEG_4$-N_3	>97%	606130-90-9	$C_9H_{19}N_3O_4$	233.26	1 g
366906	$mPEG_6$-N_3	>97%	-	$C_{13}H_{27}N_3O_6$	321.37	1 g
366908	$mPEG_8$-N_3	>97%	869718-80-9	$C_{17}H_{35}N_3O_8$	409.47	1 g
366912	$mPEG_{12}$-N_3	>95%	89485-61-0	$C_{25}H_{51}N_3O_{12}$	585.69	1 g
366916	$mPEG_{16}$-N_3	>95%	89485-61-0	$C_{33}H_{67}N_3O_{16}$	761.90	250 mg, 1 g
366924	$mPEG_{24}$-N_3	>95%	89485-61-0	$C_{49}H_{99}N_3O_{24}$	1114.32	250 mg, 1 g
366936	$mPEG_{36}$-N_3	>95%	89485-61-0	$C_{73}H_{147}N_3O_{36}$	1642.95	250 mg, 1 g

mPEGn-NH-Mal



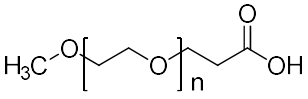
Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
366506	$mPEG_6$-NH-Mal	>95%	-	$C_{20}H_{34}N_2O_9$	446.49	1 g
366508	$mPEG_8$-NH-Mal	>95%	1334169-90-2	$C_{24}H_{42}N_2O_{11}$	534.60	1 g
366512	$mPEG_{12}$-NH-Mal	>95%	88504-24-9	$C_{32}H_{58}N_2O_{15}$	710.82	250 mg, 1 g
366516	$mPEG_{16}$-NH-Mal	>95%	88504-24-9	$C_{40}H_{74}N_2O_{19}$	887.03	250 mg, 1 g
366524	$mPEG_{24}$-NH-Mal	>95%	88504-24-9	$C_{56}H_{106}N_2O_{27}$	1239.45	250 mg, 1 g

mPEGn-CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
363603	$mPEG_3$-CH_2COOH	>97%	-	$C_9H_{18}O_6$	222.24	1 g
363604	$mPEG_4$-CH_2COOH	>97%	-	$C_{11}H_{22}O_7$	266.29	1 g
363605	$mPEG_5$-CH_2COOH	>97%	16142-03-3	$C_{13}H_{26}O_8$	310.34	1 g
363606	$mPEG_6$-CH_2COOH	>97%	-	$C_{15}H_{30}O_9$	354.39	1 g
363608	$mPEG_8$-CH_2COOH	>97%	102013-72-9	$C_{19}H_{38}O_{11}$	442.50	1 g

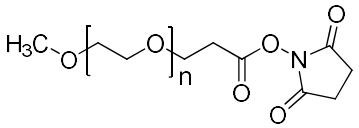
mPEGn-CH_2CH_2COOH



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
363703	$mPEG_3$-CH_2CH_2COOH	>98%	67319-28-2	$C_{10}H_{20}O_6$	236.26	1 g, 5 g
363704	$mPEG_4$-CH_2CH_2COOH	>98%	81836-43-3	$C_{12}H_{24}O_7$	280.32	1 g, 5 g

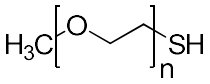
363705	$mPEG_5$-CH_2CH_2COOH	>98%	-	$C_{14}H_{28}O_8$	324.37	1 g, 5 g
363706	$mPEG_6$-CH_2CH_2COOH	>98%	874208-91-0	$C_{16}H_{32}O_9$	368.42	1 g, 5 g
363707	$mPEG_7$-CH_2CH_2COOH	>98%	1093647-41-6	$C_{18}H_{36}O_{10}$	412.47	1 g, 5 g
363708	$mPEG_8$-CH_2CH_2COOH	>98%	-	$C_{20}H_{40}O_{11}$	456.53	1 g
363709	$mPEG_9$-CH_2CH_2COOH	>98%	-	$C_{22}H_{44}O_{12}$	500.58	1 g
363710	$mPEG_{10}$-CH_2CH_2COOH	>98%	-	$C_{24}H_{48}O_{13}$	544.63	1 g
363711	$mPEG_{11}$-CH_2CH_2COOH	>97%	125220-94-2	$C_{26}H_{52}O_{14}$	588.68	1 g
363712	$mPEG_{12}$-CH_2CH_2COOH	>97%	-	$C_{28}H_{56}O_{15}$	632.74	1 g
363716	$mPEG_{16}$-CH_2CH_2COOH	>95%	-	$C_{36}H_{72}O_{19}$	808.94	250 mg, 1 g
363724	$mPEG_{24}$-CH_2CH_2COOH	>95%	125220-94-2	$C_{52}H_{104}O_{27}$	1161.37	250 mg, 1 g
363736	$mPEG_{36}$-CH_2CH_2COOH	>95%	125220-94-2	$C_{76}H_{152}O_{39}$	1690.00	250 mg, 1 g
363748	$mPEG_{48}$-CH_2CH_2COOH	>95%	125220-94-2	$C_{100}H_{200}O_{51}$	2218.63	250 mg, 1 g

mPEGn-$CH_2CH_2COONHS$ Ester



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
366603	$mPEG_3$-$CH_2CH_2COONHS$ Ester	>97%	622405-78-1	$C_{14}H_{23}NO_8$	333.33	1 g
366604	$mPEG_4$-$CH_2CH_2COONHS$ Ester	>97%	-	$C_{16}H_{27}NO_9$	377.39	1 g
366605	$mPEG_5$-$CH_2CH_2COONHS$ Ester	>97%	-	$C_{18}H_{31}NO_{10}$	421.44	1 g
366606	$mPEG_6$-$CH_2CH_2COONHS$ Ester	>97%	-	$C_{20}H_{35}NO_{11}$	465.49	1 g
366607	$mPEG_7$-$CH_2CH_2COONHS$ Ester	>97%	756525-90-3	$C_{22}H_{39}NO_{12}$	509.55	1 g
366608	$mPEG_8$-$CH_2CH_2COONHS$ Ester	>97%	-	$C_{24}H_{43}NO_{13}$	553.60	1 g
366609	$mPEG_9$-$CH_2CH_2COONHS$ Ester	>97%	-	$C_{26}H_{47}NO_{14}$	597.65	1 g
366610	$mPEG_{10}$-$CH_2CH_2COONHS$ Ester	>97%	-	$C_{28}H_{51}NO_{15}$	641.70	1 g
366611	$mPEG_{11}$-$CH_2CH_2COONHS$ Ester	>97%	756525-94-7	$C_{30}H_{55}NO_{16}$	685.75	1 g
366612	$mPEG_{12}$-$CH_2CH_2COONHS$ Ester	>97%	756525-94-7	$C_{32}H_{59}NO_{17}$	729.80	250 mg, 1 g
366616	$mPEG_{16}$-$CH_2CH_2COONHS$ Ester	>95%	756525-94-7	$C_{40}H_{75}NO_{21}$	906.03	250 mg, 1 g
366624	$mPEG_{24}$-$CH_2CH_2COONHS$ Ester	>95%	756525-94-7	$C_{56}H_{107}NO_{29}$	1258.45	250 mg, 1 g
366636	$mPEG_{36}$-$CH_2CH_2COONHS$ Ester	>95%	756525-94-7	$C_{80}H_{155}NO_{41}$	1787.09	250 mg, 1 g
366648	$mPEG_{48}$-$CH_2CH_2COONHS$ Ester	>95%	756525-94-7	$C_{104}H_{203}NO_{53}$	2315.70	250 mg, 1 g

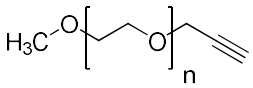
mPEGn-HS



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
367403	$mPEG_3$-HS	>95%	31521-83-2	$C_7H_{16}O_3S$	180.27	1 g
367404	$mPEG_4$-HS	>95%	52190-55-3	$C_9H_{20}O_4S$	224.32	1 g
367405	$mPEG_5$-HS	>95%	524030-00-0	$C_{11}H_{24}O_5S$	268.37	1 g
367406	$mPEG_6$-HS	>95%	441771-60-4	$C_{13}H_{28}O_6S$	312.42	1 g
367407	$mPEG_7$-HS	>95%	651042-82-9	$C_{15}H_{32}O_7S$	356.48	1 g

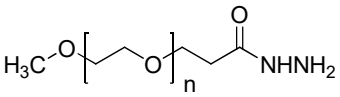
367408	$mPEG_8$-HS	>95%	651042-83-0	$C_{17}H_{36}O_8S$	400.53	1 g
367409	$mPEG_9$-HS	>95%	651042-84-1	$C_{19}H_{40}O_9S$	444.58	1 g
367410	$mPEG_{10}$-HS	>95%	651042-85-2	$C_{21}H_{44}O_{10}S$	488.63	1 g
367411	$mPEG_{11}$-HS	>95%	-	$C_{23}H_{48}O_{11}S$	532.69	250 mg, 1 g
367412	$mPEG_{12}$-HS	>95%	134874-49-0	$C_{25}H_{52}O_{12}S$	576.74	250 mg, 1 g
367416	$mPEG_{16}$-HS	>95%	-	$C_{33}H_{68}O_{16}S$	752.95	100 mg, 250 mg
367424	$mPEG_{24}$-HS	>95%	-	$C_{49}H_{100}O_{24}S$	1105.37	100 mg, 250 mg

mPEGn-Propyne



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
3664903	$mPEG_3$-Propyne	>98%	89635-82-5	$C_{10}H_{18}O_4$	202.25	1 g
3664904	$mPEG_4$-Propyne	>98%	-	$C_{12}H_{22}O_5$	246.30	1 g
3664908	$mPEG_8$-Propyne	>98%	880081-81-2	$C_{20}H_{38}O_9$	422.51	1 g
3664911	$mPEG_{11}$-Propyne	>97%	-	$C_{26}H_{50}O_{12}$	554.67	1 g
3664912	$mPEG_{12}$-Propyne	>97%	-	$C_{28}H_{54}O_{13}$	598.72	250 mg, 1 g
3664916	$mPEG_{16}$-Propyne	>97%	-	$C_{36}H_{70}O_{17}$	774.93	250 mg, 1 g
3664924	$mPEG_{24}$-Propyne	>95%	-	$C_{52}H_{102}O_{25}$	1127.35	250 mg, 1 g
3664936	$mPEG_{36}$-Propyne	>95%	-	$C_{76}H_{150}O_{37}$	1655.98	250 mg, 1 g

mPEGn-Hydrazide



Cat. No.	Product Name	Purity	CAS No.	M.F.	M.W.	Unit
3664803	$mPEG_3$-Hydrazide	>97%	-	$C_{10}H_{22}N_2O_5$	250.29	1 g
3664804	$mPEG_4$-Hydrazide	>97%	-	$C_{12}H_{26}N_2O_6$	294.34	1 g
3664805	$mPEG_5$-Hydrazide	>97%	-	$C_{14}H_{30}N_2O_7$	338.40	1 g
3664806	$mPEG_6$-Hydrazide	>97%	-	$C_{16}H_{34}N_2O_8$	382.45	1 g
3664808	$mPEG_8$-Hydrazide	>97%	-	$C_{20}H_{42}N_2O_{10}$	470.55	1 g
3664812	$mPEG_{12}$-Hydrazide	>95%	-	$C_{28}H_{58}N_2O_{14}$	646.77	1 g
3664816	$mPEG_{16}$-Hydrazide	>95%	-	$C_{36}H_{74}N_2O_{18}$	822.98	1 g
3664824	$mPEG_{24}$-Hydrazide	>95%	-	$C_{52}H_{106}N_2O_{26}$	1175.41	250 mg, 1 g
3664836	$mPEG_{36}$-Hydrazide	>95%	-	$C_{76}H_{154}N_2O_{38}$	1704.03	250 mg, 1 g

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Please contact

FutureChem Co., Ltd.

#1404, HausD Sejong-tower, 26, Seongsuil-ro 10-gil,
Seongdong-gu, Seoul, 04793, Korea

Tel: +82-2-497-3117
Fax: +82-2-497-3118
E-mail: sales@futurechem.co.kr
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