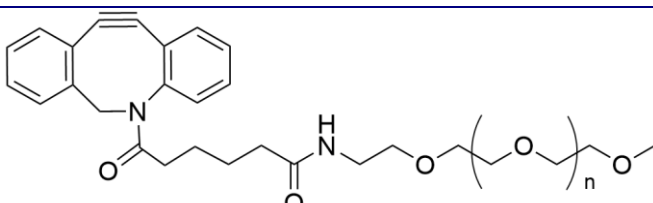
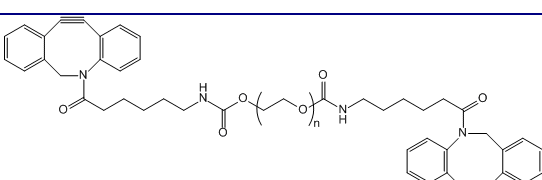
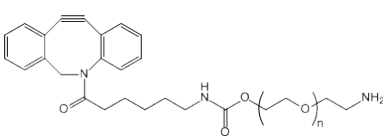
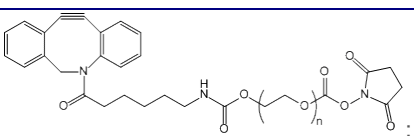
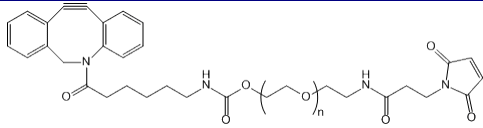
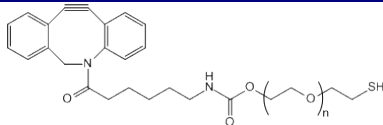
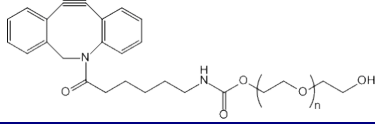
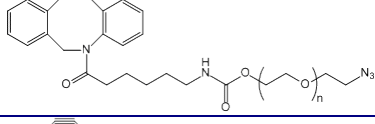
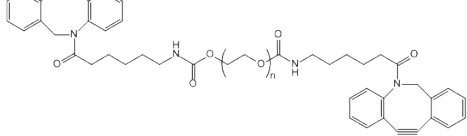
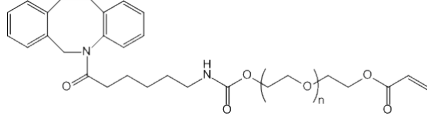
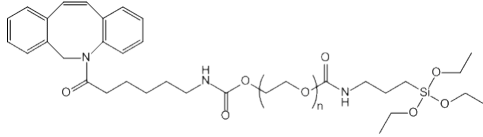
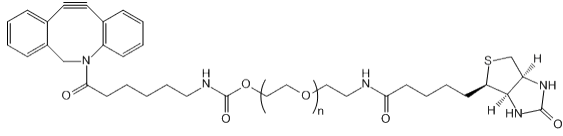
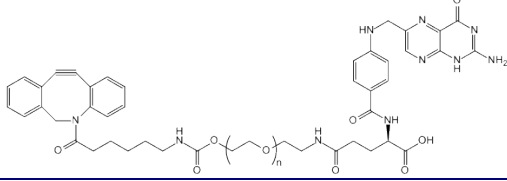


# PEGylation DBCO reagents (for Click Chemistry)

## Products Description

DBCO (**Dibenzylcyclooctyne**) functional group can be used for click chemistry to modify Azide group derivate of any compound.

Product name cat.number	Cat.number Qty : *(25mg-5g)	MW (g·mol <sup>-1</sup> )	
<b>DBCO-mPEG</b>			
<b>mPEG-DBCO</b> (K,M) PG1-DB C Appearance : White crystalline (for 10K) Soluble in Water, DMSO, DMF, chloroform BMF001048N *1-100mg 2-1g	B4YBD- B4YBB- . B36C81 1Q7031 - IOT811 IOT821 IOT831 IOT841 -	350 550 750 1 000 2 000 3 400 5 000 10 000 20 000 30 000 40 000	
			Also available : 8-ArmPEG-DBCO #BA88048 4-ArmPEG-DBCO #BA44048
<b>DBCO-PEG derivatives</b>			
<b>DBCO-PEG<sub>x</sub>-COOH</b> (M) (K,M) PG2-CADB- C BHE020017 N *1-1g	Inquire B0CDA1 AWJSK0 B0CDB1 B0CDC1 B0CDD1	350-800Da 1 000 2 000 3 400 5 000 10 000 20 000	
			Also available : DBCO-PEO5-COOH #DQP491 AWJRL
<b>DBCO-PEG<sub>x</sub>-Amine</b> (M) (K,M) PG2-AMDB C BHE005048 N	Inquire	1 000 2 000 3 400 5 000 10 000 20 000	
<b>DBCO-PEG<sub>x</sub>-NHSuccinimide</b> (M) (M, K) PG2-NSSL C BHE048023 N	Inquire B0CDE1 1B9801 1B9811 . . . . 1B9820 AWJSS1	350-800Da 1 000 2 000 3 400 5 000 10 000 20 000	
			B4S4G0 Also available: DBCO-PEG-SVA ester # DBCO-PEG-SPA ester #BMD048025 DBCO-NHSuc ester #MRV021 DBCO-C6-NHSuc ester #DQP561 DBCO-PEO <sub>13</sub> -NHSuc ester #AXBJE1 DBCO-PEO <sub>4</sub> -PC-NHSuc ester #AXBKX1 (PhotoCleavable)

FT-B36C81			
Product name cat.number	Cat.number Qty: *(25mg-5g)	MW (g·mol <sup>-1</sup> )	
<b>DBCO-PEG<sub>x</sub>-Maleimide (M)</b> (M, K) PG2-MLSL C BHE048022 N	Inquire	350-800Da 1 000 2 000 3 400 5 000 10 000 20 000	 <p>Also available: DBCO-Maleimide #DQP601, AWJT0- DBCO-PEO<sub>4</sub>-Maleimide #DQP531, 8Y088- DBCO-Sulfo-Maleimide #AXBL51 DBCO-PEO<sub>4</sub>-Sulfo-Maleimide #AXBL71</p>
<b>DBCO-PEG<sub>x</sub>-Thiol (M)</b> (M, K) PG2-DBTH CBHE048003 N	Inquire	1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-Hydroxyl</b> (K,M) PG2-DBOH CHE048002 BB N	Inquire	350-800Da 1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-Azide</b> (K,M) PG2-AZDB C BBHE048006 N		350-800Da 1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-DBCO</b> (K,M) PG2-DBDB C BBHO048048 N		200 – 400 1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-Acrylate</b> (K,M) PG2-ACDB C BBHE048009 N	Inquire	350-800Da 1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-Silane</b> (K,M) PG2-DB C BBHE048020 N		350-800Da 1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-Biotin</b> (K,M) PG2-BNDB C BHE048041 N	Inquire	350-800Da 1 000 to 20 000	
<b>DBCO-PEG<sub>x</sub>-Folic Acid</b> (K,M) PG2-BNDB C BHE048057 N	Inquire	350-800Da 1 000 to 20 000	
Ask for other functional groups, other labels and ligands.			<b>DMPE-PEG-DBCO</b> #BLP097048 <b>DSPE-PEG-DBCO</b> #BLP096048 <b>Cholesterol-PEG-DBCO</b> #BLP095048 <b>FITC-PEG-DBCO</b> #BFL044048 <b>CY2-PEG-DBCO</b> #BFL167048 <b>CY5-PEG-DBCO</b> #BFL078048 <b>CY7-PEG-DBCO</b> #

FT-B36C81

- Physical Properties:

Appearance: Off white solid or viscous liquid depending on molecular weight.

Solubility: Soluble in regular aqueous solution (H<sub>2</sub>O) as well as most organic solvents (DMSO).

- Storage Conditions:

Store: at room temperature, or at -20°C for long term\*, desiccated. Avoid frequent thaw and frozen. (K)

\*: better at -20°C for Thiol, NHS ester, Maleimide. (M)

- Reaction Procedures:

Generally, DBCO PEG is first dissolved in a mixture of ethanol/water solution, then allow for reactions with an Azide. See the technical notice for DBCO<sup>[XLcllc]</sup>, and other functional groups <sup>[XLfct]</sup>.

## Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

mPEG-DTPA #BMF001218 (DTPA : TriEthyleneAminePentaAcetate)

Endo-BCN-PEG2-OH #BMD253002

Fmoc-NH-PEG-OH #BHE069002

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

**Disclaimer** : Materials from Uptima are sold **for research use only**, and are not intended for food, drug, household, or cosmetic use. ma is not liable for any damage resulting from handling or contact with this product.

Rev.U10E