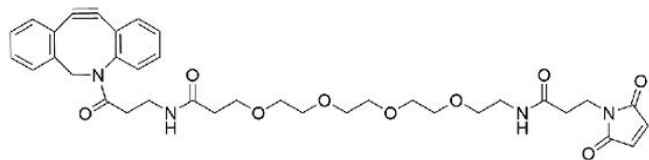


DBCO-PEG4-MALEIMIDE

SKU: CCT-A108P



Description

DBCO-PEG4-Maleimide enables simple and efficient incorporation of DBCO moiety onto antibodies, cysteine-containing peptides and other thiol-containing molecules. The maleimide group specifically and efficiently reacts with reduced thiols (sulfhydryl groups, -SH) at pH 6.5 to 7.5 to form stable thioether bonds. The hydrophilic polyethylene glycol (PEG) spacer arm improves solubility in aqueous buffers.

Specifications

Unit Size	10mg, 25mg, 100mg, 500mg
Molecular weight	674.74
Chemical composition	C ₃₆ H ₄₂ N ₄ O ₉
CAS	1480516-75-3
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (HPLC)
Appearance	Yellow to slightly orange oil
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Frozen

For research use only. Not intended for animal or human therapeutic or diagnostic use.