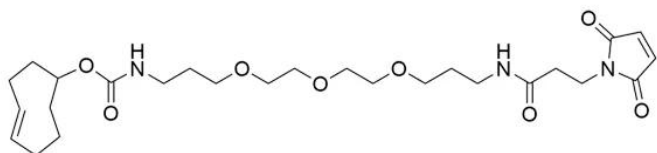


TCO-PEG3-MALEIMIDE

SKU: CCT-1002



Description

OTCO-PEG3-Maleimide enables simple and efficient incorporation of TCO 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	4 x 2 mg, 10 mg, 25 mg, 100 mg
Molecular weight	523.62
Molecular formula	C ₂₆ H ₄₁ N ₃ O ₈
CAS	1609659-01-9
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (HPLC)
Appearance	Colorless to slightly yellow oil
Storage Conditions	-50°C to -85°C
Shipping Conditions	Overnight, dry ice

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.