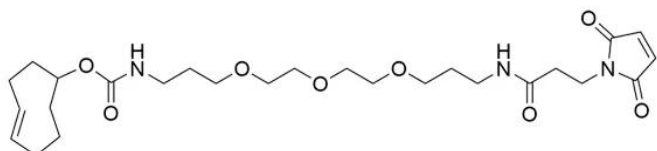




TCO-PEG3-MALEIMIDE

SKU: CCT-1002



DESCRIPTION

TCO-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

CAS Number	1609659-01-9
Molecular Weight	523.62
Molecular Formula	C ₂₆ H ₄₁ N ₃ O ₈
Appearance	Colorless to slightly yellow oil
Purity	>95% (HPLC)
Unit Size	4 x 2 mg, 10 mg, 25 mg, 100 mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-50°C to -85°C
Shipping Conditions	Dry ice
Shipping Instructions	Dry ice

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



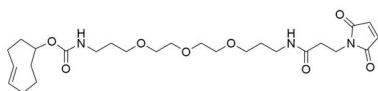
SELECTED REFERENCES

1. Allo, B., *et al.* (2018). Clickable and High-Sensitivity Metal-Containing Tags for Mass Cytometry. *Bioconjugate Chem.* , **29(6)**, 2028-38. [[PubMed](#)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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