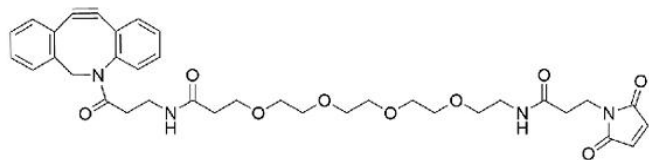




DBCO-PEG4-MALEIMIDE

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

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

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



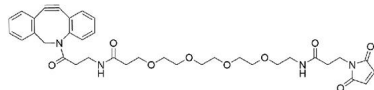
SELECTED REFERENCES

1. Esser-Kahn, A. P., *et al.* (2020). Pathogen-like Nanoassemblies of Covalently Linked TLR Agonists Enhance CD8 and NK Cell-Mediated Antitumor Immunity. *ACS Cent. Sci.*, **10**, 1021. [[ACS Publications](#)]
2. Kiseleva, R., *et al.* (2020). MBivalent engagement of endothelial surface antigens is critical to prolonged surface targeting and protein delivery in vivo. *FASEB Journal*, **34**, **9**, 11577-93. [[FASEB](#)]

DOCUMENTS

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

GALLERY IMAGES



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