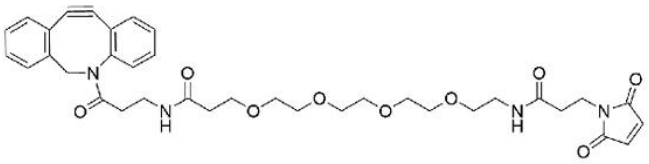
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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	C36H42N4O9
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.

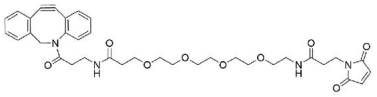
SELECTED REFERENCES

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 Jornal,* **34, 9**, 11577-93. [FASEB]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- User Guide
- Datasheet

GALLERY IMAGES



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