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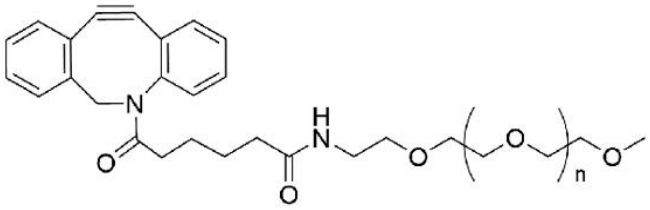
DBCO-MPEG, 5 KDA

SKU: CCT-A118



DESCRIPTION

DBCO-activated PEGylation reagents react with azides via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. In application where the presence of copper is a concern DBCO-activated PEGylation reagents is an ideal alternative to copper requiring fluorescent alkynes.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	5 kDa
Appearance	White crystalline
Unit Size	25mg, 100 mg, 1000 mg
Solubility	Water, DMSO, DMF, chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

SELECTED REFERENCES

1. Hunt, J. P., *et al.* (2022). Assessing site-specific PEGylation of TEM-1 β-lactamase with cell-

free protein synthesis and coarse-grained simulation. *J Biotechnol.*, **345:55-63**, Epub. [PubMed]
2. Wilding, K. M., *et al.* (2018). The Locational Impact of Site-Specific PEGylation: Streamlined Screening with Cell-Free Protein Expression and Coarse-Grain Simulation. *ACS Synth Biol.*, **7 (2)**, 510-521. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES