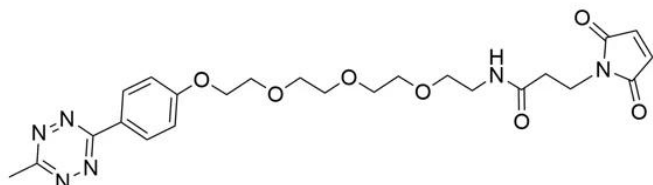




METHYLTETRAZINE-PEG4-MALEIMIDE

SKU: CCT-1068



DESCRIPTION

Methyltetrazine-PEG4-Maleimide is a sulfhydryl-reactive reagent that contains a 4-unit ethylene glycol in its spacer arm for increased water-solubility. It enables simple and efficient incorporation of a methyltetrazine 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	N/A
Molecular Weight	514.53
Appearance	Red crystalline
Chemical Formula	C ₂₄ H ₃₀ N ₆ O ₇
Purity	>95% (HPLC)
Unit Size	10 mg, 25 mg, 100 mg
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

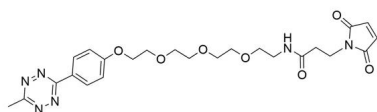
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DOCUMENTS

- [Safety Data Sheet](#)
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GALLERY IMAGES



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