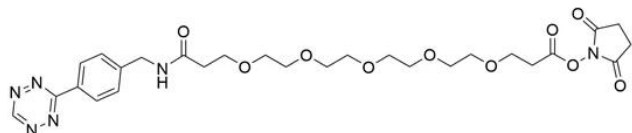


TETRAZINE-PEG5-NHS ESTER

SKU: CCT-1143



Description

Tetrazine-PEG5-NHS Ester is an amine-reactive labeling reagent often used for modification of proteins, peptides, or amine-modified oligonucleotides with tetrazine moiety. Hydrogen substituted tetrazines demonstrate exceptionally fast kinetics, generally at least 10 fold faster compared to methyl substituted tetrazines. The aqueous solubility of this reagent is substantially enhanced by a hydrophilic polyethylene glycol (PEG5) spacer arm.

Specifications

Unit Size	4 x 2 mg, 10 mg, 25 mg, 100 mg
Molecular weight	604.61
Chemical composition	C ₂₇ H ₃₆ N ₉ O ₁₀
CAS	1682653-80-0
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (HPLC)
Appearance	Red amorphous solid to red oil
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.