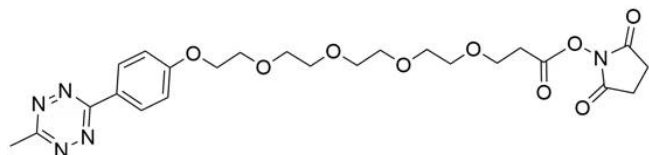


METHYLTETRAZINE-PEG4-NHS ESTER

SKU: CCT-1069



Description

Methyltetrazine-PEG4-NHS Ester reacts specifically and efficiently with a primary amine (e.g., side chain of lysine residues or aminosilane-coated surfaces) at pH 7-9 to form a covalent bond. The PEG spacer arm provides a long and flexible connection that minimizes steric hindrance involved with ligation to complementary TCO-containing molecules. The aqueous solubility of this reagent is substantially enhanced by a hydrophilic polyethylene glycol (PEG) spacer arm.

Specifications

Unit Size	4x2 mg, 10mg, 25 mg, 100 mg, 500 mg, 1000 mg
Molecular weight	533.53
Chemical composition	C ₂₄ H ₃₁ N ₅ O ₉
CAS	1802907-92-1
Solubility	DMSO, DMF, DCM, THF, Chloroform
Purity	>95% (HPLC)
Appearance	Red crystalline
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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