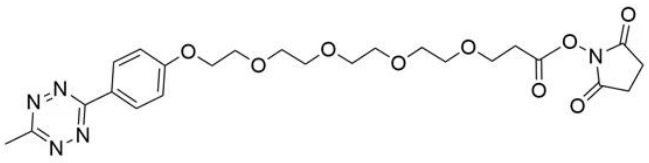
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METHYLTETRAZINE-PEG4-NHS ESTER

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

CAS Number	1802907-92-1
Molecular Weight	533.53
Appearance	Red crystalline
Chemical Formula	C24H31N5O9
Purity	>95% (HPLC)
Unit Size	4×2 mg, 10mg, 25 mg, 100 mg, 500
Solubility	DMSO, DMF, DCM, THF, Chloroform
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

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

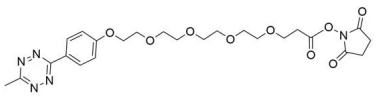
SELECTED REFERENCES

1. Marquard, A.N., *et al.* (2020). Expanding the Scope of Antibody Rebridging with New Pyridazinedione-TCO Constructs. *Bioconjug Chem.*, **31(6)**, 1616-23. [PubMed]

DOCUMENTS

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

GALLERY IMAGES



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