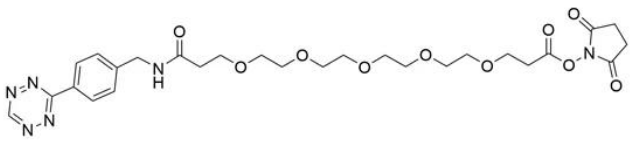
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TETRAZINE-PEG5-NHS ESTER

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

CAS Number	1682653-80-0
Molecular Weight	604.61
Appearance	Red amorphous solid to red oil
Chemical Formula	C27H36N9O10
Purity	>95% (HPLC)
Unit Size	4 x 2 mg, 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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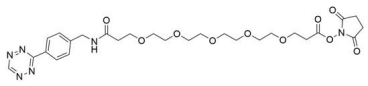
SELECTED REFERENCES

1. Ingham, E. S., *et al.* (2020). Positron emission tomography imaging of novel AAV capsids maps rapid brain accumulation. *Nat Commun,* **11**, 2102. [Nature Communications]

DOCUMENTS

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

GALLERY IMAGES



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