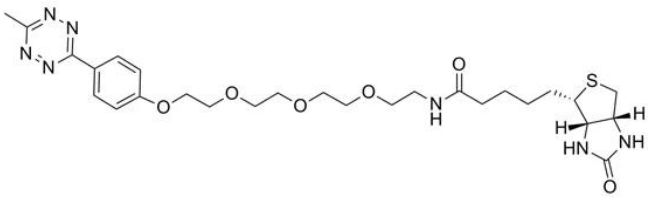
www.vectorlabs.com
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Telephone: (650) 697-3600

BIOTIN-PEG4-METHYLTETRAZINE

SKU: CCT-1024



DESCRIPTION

Methyltetrazine-activated biotinylation reagent that reacts with TCO-containing compounds via a Inverse-Electron-Demand Diels-Alder reaction to form a stable covalent bond and does not require Cu-catalyst or elevated temperatures. The inverse-electron demand Diels-Alder cycloaddition reaction of TCO with tetrazines is a bioorthogonal reaction that possesses exceptional kinetics ($k > 800\ M^{-1}\ s^{-1}$) and selectivity. Such excellent reaction rate constants are unparalleled by any other bioorthogonal reaction pair described to date.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	589.71
Appearance	Red crystalline
Chemical Formula	C27H39N7O6S
Purity	>95% (HPLC)
Unit Size	10 mg, 25 mg, 100 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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

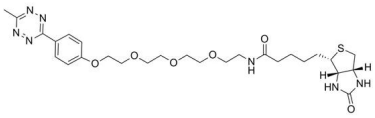
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Shipping Instructions	Ambient temperature

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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