

Bz-(Me)Tz-NHS

Chemical Properties

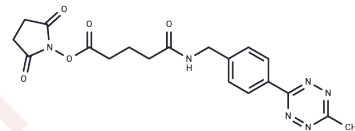
CAS No. : 1454558-58-7

Formula: C₁₉H₂₀N₆O₅

Molecular Weight: 412.4

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Bz-(Me)Tz-NHS is a lipid compound containing a methyltetrazine moiety, known for its selectivity and utility in synthesizing a wide range of active molecules in biomedical research.
Targets(IC50)	ADC Linker

Solubility Information

Solubility	DMSO: 10 mg/mL (24.25 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4248 mL	12.1242 mL	24.2483 mL
5 mM	0.485 mL	2.4248 mL	4.8497 mL
10 mM	0.2425 mL	1.2124 mL	2.4248 mL
50 mM	0.0485 mL	0.2425 mL	0.485 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Jolita Seckute, et al. Rapid oligonucleotide-templated fluorogenic tetrazine ligations. Nucleic Acids Res. 2013 Aug; 41(15):e148.

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