

Tetrazine-PEG4-SS-NHS

Chemical Properties

CAS No. :

Formula: C₃₀H₄₁N₇O₁₀S₂

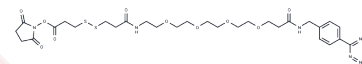
Molecular Weight: 723.82

Storage:

Store at low temperature, Keep away from direct sunlight

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	Tetrazine-PEG4-SS-NHS is a degradable ADC linker containing 4 units of PEG that can be used to synthesize antibody-coupled reactive molecules (ADCs).
Targets(IC50)	ADC Linker
In vitro	The ADC consists of an antibody, a linker, and a cytotoxin, which is connected to the antibody by a linker. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3816 mL	6.9078 mL	13.8156 mL
5 mM	0.2763 mL	1.3816 mL	2.7631 mL
10 mM	0.1382 mL	0.6908 mL	1.3816 mL
50 mM	0.0276 mL	0.1382 mL	0.2763 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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