

APN-PEG4-tetrazine

Chemical Properties

CAS No. :

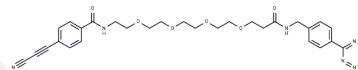
Formula: C30H33N7O6

Molecular Weight: 587.63

Keep away from direct sunlight

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	APN-PEG4-tetrazine, a cleavable ADC linker compound composed of four PEG units, is specifically designed for the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7018 mL	8.5088 mL	17.0175 mL
5 mM	0.3404 mL	1.7018 mL	3.4035 mL
10 mM	0.1702 mL	0.8509 mL	1.7018 mL
50 mM	0.034 mL	0.1702 mL	0.3404 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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