

m-PEG8-Amine

Chemical Properties

CAS No. : 869718-81-0

Formula: C17H37NO8

Molecular Weight: 383.478

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	m-PEG8-Amine is a cleavable linker integral to ADC synthesis, joining cytotoxic drugs to antibodies to enable precise delivery to cells or proteins. Its cleavable nature ensures controlled drug release, thereby optimizing ADC effectiveness.
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6077 mL	13.0385 mL	26.077 mL
5 mM	0.5215 mL	2.6077 mL	5.2154 mL
10 mM	0.2608 mL	1.3038 mL	2.6077 mL
50 mM	0.0522 mL	0.2608 mL	0.5215 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

Joshua D. Thoma, et al. Pyrrolobenzodiazepine antibody conjugates. WO2019126691A1.

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