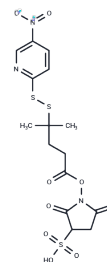


NO2-SPDMV-sulfo

Chemical Properties

CAS No. :	663599-00-6
Formula:	C ₁₅ H ₁₇ N ₃ O ₉ S ₃
Molecular Weight:	479.51
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	NO2-SPDMV-sulfo, a cleavable linker essential in ADC synthesis, joins cytotoxic drugs to antibodies, enabling precise delivery to cells or proteins. The cleavable nature ensures controlled drug release, optimizing ADC effectiveness.
Targets(IC50)	ADC Linker
In vitro	Antibody-Drug Conjugates (ADCs) consist of an antibody linked to a cytotoxin through a specialized linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0855 mL	10.4273 mL	20.8546 mL
5 mM	0.4171 mL	2.0855 mL	4.1709 mL
10 mM	0.2085 mL	1.0427 mL	2.0855 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 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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