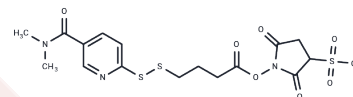


DMAC-SPDB-sulfo

Chemical Properties

CAS No. :	663599-07-3
Formula:	C16H19N3O8S3
Molecular Weight:	477.53
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	DMAC-SPDB-sulfo is a cleavable linker essential in ADC synthesis, enabling precise delivery of cytotoxic drugs to cells or proteins by attaching them to antibodies. Its cleavable nature ensures controlled drug release, optimizing ADC effectiveness.
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0941 mL	10.4705 mL	20.9411 mL
5 mM	0.4188 mL	2.0941 mL	4.1882 mL
10 mM	0.2094 mL	1.0471 mL	2.0941 mL
50 mM	0.0419 mL	0.2094 mL	0.4188 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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