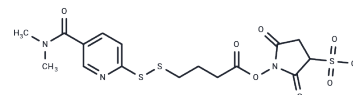


DMAC-SPDB-sulfo

Chemical Properties

CAS No. : 663599-07-3
Formula: C₁₆H₁₉N₃O₈S₃
Molecular Weight: 477.52
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DMAC-SPDB-sulfo is a cleavable linker vital in ADC synthesis. DMAC-SPDB-sulfo joins cytotoxic drugs to antibodies, enabling precise delivery to cells or proteins. The cleavable nature ensures controlled drug release, optimizing ADC effectiveness.
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0942 mL	10.4708 mL	20.9415 mL
5 mM	0.4188 mL	2.0942 mL	4.1883 mL
10 mM	0.2094 mL	1.0471 mL	2.0942 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.

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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