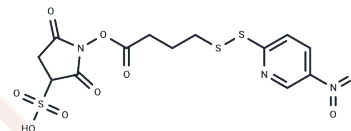


NO2-SPDB-sulfo

Chemical Properties

CAS No. : 663598-89-8
 Formula: C₁₃H₁₃N₃O₉S₃
 Molecular Weight: 451.44
 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-SPDB-sulfo, a cleavable linker essential in ADC synthesis, connects cytotoxic drugs to antibodies, allowing targeted delivery to cells or proteins. Its cleavable nature ensures controlled drug release, optimizing the effectiveness of ADCs.
Targets(IC50)	ADC 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	2.2151 mL	11.0757 mL	22.1513 mL
5 mM	0.443 mL	2.2151 mL	4.4303 mL
10 mM	0.2215 mL	1.1076 mL	2.2151 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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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