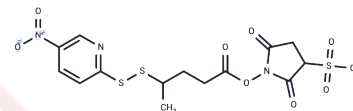


## NO2-SPP-sulfo

## Chemical Properties

CAS No. :	663598-66-1
Formula:	C14H15N3O9S3
Molecular Weight:	465.48
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-SPP-sulfo is a cleavable linker essential in ADC synthesis, facilitating the attachment of cytotoxic drugs to antibodies for targeted delivery to cells or proteins. Its cleavable property ensures controlled drug release, thereby optimizing ADC effectiveness.
Targets(IC50)	ADC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1483 mL	10.7416 mL	21.4832 mL
5 mM	0.4297 mL	2.1483 mL	4.2966 mL
10 mM	0.2148 mL	1.0742 mL	2.1483 mL
50 mM	0.043 mL	0.2148 mL	0.4297 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481