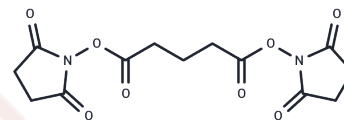


DSG Crosslinker

Chemical Properties

CAS No. :	79642-50-5
Formula:	C ₁₃ H ₁₄ N ₂ O ₈
Molecular Weight:	326.26
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	DSG Crosslinker, a cleavable ADC linker, is utilized in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody attached to an ADC cytotoxin through an ADC linker.

Solubility Information

Solubility	DMSO: 247.5 mg/mL (758.6 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.065 mL	15.3252 mL	30.6504 mL
5 mM	0.613 mL	3.065 mL	6.1301 mL
10 mM	0.3065 mL	1.5325 mL	3.065 mL
50 mM	0.0613 mL	0.3065 mL	0.613 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

Geng X, et al. Synthesis of the Oligosaccharides of Burkholderia pseudomallei and B. mallei Capsular Polysaccharide and Preliminary Immunological Studies of Their Protein Conjugates. J Org Chem. 2020 Feb 21;85(4):2369-2384.

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