

Sulfo-SIA Crosslinker

Chemical Properties

CAS No. :

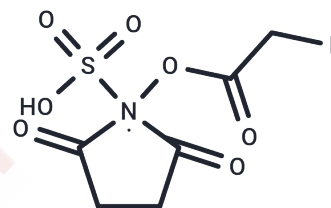
Formula: C₆H₇INO₇S

Molecular Weight: 364.09

Keep away from direct sunlight

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	Sulfo-SIA Crosslinker is a non-cleavable, heterobifunctional protein crosslinker. Sulfo-SIA Crosslinker is useful in making antibody-drug conjugates.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7466 mL	13.7329 mL	27.4657 mL
5 mM	0.5493 mL	2.7466 mL	5.4931 mL
10 mM	0.2747 mL	1.3733 mL	2.7466 mL
50 mM	0.0549 mL	0.2747 mL	0.5493 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

Piñero DP, Alio JL, Klonowski P, Toffaha B. Vectorial astigmatic changes after corneal collagen crosslinking in keratoconic corneas previously treated with intracorneal ring segments: a preliminary study. *Eur J Ophthalmol.* 2012;22 Suppl 7:S69-80. doi: 10.5301/ejo.5000063. PubMed PMID: 22020986.

Dosio F, Arpicco S, Adobati E, Canevari S, Brusa P, De Santis R, Parente D, Pignanelli P, Negri DR, Colnaghi MI, Cattel L. Role of cross-linking agents in determining the biochemical and pharmacokinetic properties of Mgr6-clavin immunotoxins. *Bioconjug Chem.* 1998 May-Jun;9(3):372-81. PubMed PMID: 9576812.

Mond JJ, Seghal E, Kung J, Finkelman FD. Increased expression of I-region-associated antigen (Ia) on B cells after cross-linking of surface immunoglobulin. *J Immunol.* 1981 Sep;127(3):881-8. PubMed PMID: 6790620.

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