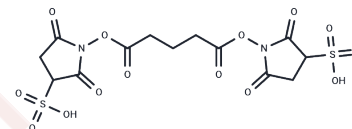


BS2G Crosslinker

Chemical Properties

CAS No. :	215597-83-4
Formula:	C ₁₃ H ₁₄ N ₂ O ₁₄ S ₂
Molecular Weight:	486.38
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BS2G crosslinker (Bis[Sulfosuccinimidyl] glutarate) is an amine reactive, water-soluble, isofunctional protein crosslinker. The molecule is impenetrable to cell membranes and can be used to label cell surface proteins.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.056 mL	10.280 mL	20.5601 mL
5 mM	0.4112 mL	2.056 mL	4.112 mL
10 mM	0.2056 mL	1.028 mL	2.056 mL
50 mM	0.0411 mL	0.2056 mL	0.4112 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

Kannan R, Santhoshkumar P, Mooney BP, Sharma KK. Identification of subunit-subunit interaction sites in α A-WT crystallin and mutant α A-G98R crystallin using isotope-labeled cross-linker and mass spectrometry. PLoS One. 2013 Jun 5;8(6):e65610. doi: 10.1371/journal.pone.0065610. Print 2013. PubMed PMID: 23755258; PubMed Central PMCID: PMC3673982.

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