

DSG-D4 Deuterated Crosslinker

Chemical Properties

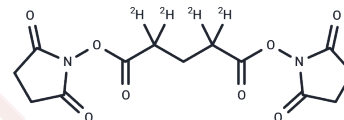
CAS No. :

Formula: C13H10D4N2O8

Molecular Weight: 330.29

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-D4 Deuterated Crosslinker is [Succinimidyl] 2,2,4,4-glutarate-D4 is a protein crosslinker that is permeable to cell membranes.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0276 mL	15.1382 mL	30.2764 mL
5 mM	0.6055 mL	3.0276 mL	6.0553 mL
10 mM	0.3028 mL	1.5138 mL	3.0276 mL
50 mM	0.0606 mL	0.3028 mL	0.6055 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

Haladová K, Mrázek H, Ječmen T, Halada P, Man P, Novák P, Chmelík J, Obšil T, Šulc M. The combination of hydrogen/deuterium exchange or chemical cross-linking techniques with mass spectrometry: mapping of human 14-3-3ζ homodimer interface. *J Struct Biol.* 2012 Jul;179(1):10-7. doi: 10.1016/j.jsb.2012.04.016. Epub 2012 May 2. PubMed PMID: 22580067.

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