

BS2G-D4 Deuterated Crosslinker

Chemical Properties

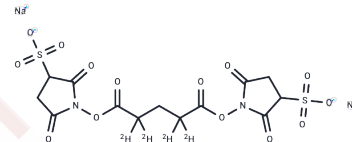
CAS No. :

Formula: C₁₃H₈D₄N₂Na₂O₁₄S₂

Molecular Weight: 534.36

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

BS2G-D4 Deuterated Crosslinker is (Sulfosuccinimidyl) 2,2,4,4-glutarate-D₄, is a water-soluble and membrane impermeable protein crosslinking agent.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8714 mL	9.357 mL	18.714 mL
5 mM	0.3743 mL	1.8714 mL	3.7428 mL
10 mM	0.1871 mL	0.9357 mL	1.8714 mL
50 mM	0.0374 mL	0.1871 mL	0.3743 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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