

## BS3-D4 Deuterated Crosslinker

## Chemical Properties

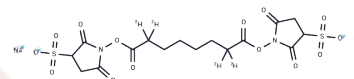
CAS No. :

Formula: C16H14D4N2Na2O14S2

Molecular Weight: 576.44

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

BS3-D4 Deuterated Crosslinker is (Sulfosuccinimidyl) 2,2,7,7-suberate-D4, is a water-soluble and membrane impermeable protein crosslinking agent.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7348 mL	8.6739 mL	17.3479 mL
5 mM	0.347 mL	1.7348 mL	3.4696 mL
10 mM	0.1735 mL	0.8674 mL	1.7348 mL
50 mM	0.0347 mL	0.1735 mL	0.347 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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