

BS3 Crosslinker

Chemical Properties

CAS No. : 82436-77-9

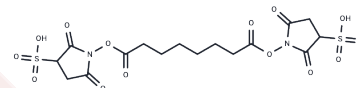
Formula: C₁₆H₂₀N₂O₁₄S₂

Molecular Weight: 528.47

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | BS3 Crosslinker (Bis(sulfosuccinimidyl)suberate) is an ADC linker that makes amino groups react with each other and can be used to synthesize antibody-coupled reactive molecules. |
| Targets(IC50) | ADC Linker,PROTAC Linker |

Solubility Information

| | |
|------------|---|
| Solubility | H ₂ O: 80 mg/mL (151.38 mM),Sonication is recommended. DMSO: 255 mg/mL (482.53 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8923 mL | 9.4613 mL | 18.9226 mL |
| 5 mM | 0.3785 mL | 1.8923 mL | 3.7845 mL |
| 10 mM | 0.1892 mL | 0.9461 mL | 1.8923 mL |
| 50 mM | 0.0378 mL | 0.1892 mL | 0.3785 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Kotite NJ, et al. Interaction of specific platelet membrane proteins with collagen: evidence from chemical cross-linking. Biochemistry. 1984 Jun 19;23(13):3099-104.

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