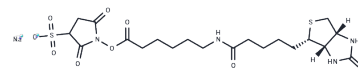


Sulfo-NHS-LC-Biotin sodium

Chemical Properties

CAS No. :	191671-46-2
Formula:	C ₂₀ H ₂₉ N ₄ NaO ₉ S ₂
Molecular Weight:	556.59
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sulfo-NHS-LC-Biotin sodium is an amine-reactive biotinylation reagent for antibody labeling.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 75.6 mg/mL (135.8 mM),Sonication is recommended. H ₂ O: 100 mg/mL (179.67 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7967 mL	8.9833 mL	17.9665 mL
5 mM	0.3593 mL	1.7967 mL	3.5933 mL
10 mM	0.1797 mL	0.8983 mL	1.7967 mL
50 mM	0.0359 mL	0.1797 mL	0.3593 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.

Reference

K Hoya, et al. A Novel Intravascular Drug Delivery Method Using Endothelial Biotinylation and Avidin-Biotin Binding. Drug Deliv. Oct-Dec 2001;8(4):215-22.

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