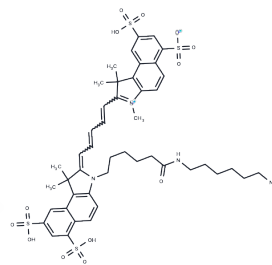


Sulfo-Cyanine5.5 amine

Chemical Properties

CAS No. :	2183440-45-9
Formula:	C ₄₆ H ₅₆ N ₄ O ₁₃ S ₄
Molecular Weight:	1001.22
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	Sulfo-Cyanine5.5 amine, which consists of four sulfonate groups and is highly hydrophilic, is an amine-containing fluorescent dye. The aliphatic primary amine group can be coupled with various electrophiles (activated esters, epoxides, etc.). Sulfo-Cyanine5.5 amine is utilized in far-red/NIR applications (such as in vivo imaging) and enzymatic transamination labeling [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9988 mL	4.9939 mL	9.9878 mL
5 mM	0.1998 mL	0.9988 mL	1.9976 mL
10 mM	0.0999 mL	0.4994 mL	0.9988 mL
50 mM	0.020 mL	0.0999 mL	0.1998 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.

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