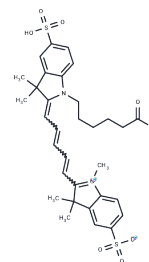


Sulfo-Cy5 carboxylic acid

Chemical Properties

CAS No. :	1121756-16-8
Formula:	C32H38N2O8S2
Molecular Weight:	642.78
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-Cy5 carboxylic acid, a Cy5 derivative, is used for chemical synthesis. Cy5 is a red fluorescent label dye for imaging (Ex/Em=642/670 nm) [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5557 mL	7.7787 mL	15.5574 mL
5 mM	0.3111 mL	1.5557 mL	3.1115 mL
10 mM	0.1556 mL	0.7779 mL	1.5557 mL
50 mM	0.0311 mL	0.1556 mL	0.3111 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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