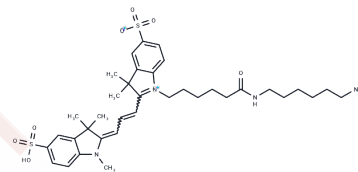


Sulfo-Cy3 amine

Chemical Properties

CAS No. :	2183440-43-7
Formula:	C36H50N4O7S2
Molecular Weight:	714.93
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-Cy3 amine, a dye derivative of Cyanine 3 (Cy3) with an amine group, features enhanced water solubility due to the sulfonate ion, making it ideal for aqueous solutions. Cy3 is a fluorescent dye emitting in the green to orange spectrum. The amine group can form covalent bonds with carboxyl groups, allowing Sulfo-Cy3 amine to bind to biological molecules like proteins and antibodies for tracking their location and dynamic changes in biological samples.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3987 mL	6.9937 mL	13.9874 mL
5 mM	0.2797 mL	1.3987 mL	2.7975 mL
10 mM	0.1399 mL	0.6994 mL	1.3987 mL
50 mM	0.028 mL	0.1399 mL	0.2797 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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