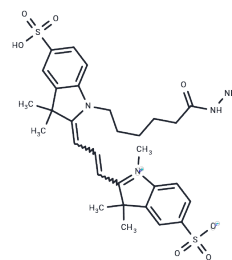


Sulfo-Cy3 hydrazide

Chemical Properties

CAS No. :	2144762-62-7
Formula:	C30H38N4O7S2
Molecular Weight:	630.78
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-Cy3 hydrazide, a Cyanine 3 (Cy3) dye derivative, features hydrazine functionality and enhanced water solubility due to the presence of a sulfonate ion, making it ideal for aqueous solutions. Known for its fluorescence, Cy3 emits within the green to orange wavelength range. The hydrazide group enables hydrazinone coupling with aldehyde or ketone-bearing molecules, forming covalent bonds. This property allows Cy3 azide plus to attach to biomolecules, such as proteins and antibodies, for tracing their locations and dynamic changes in biological samples.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5853 mL	7.9267 mL	15.8534 mL
5 mM	0.3171 mL	1.5853 mL	3.1707 mL
10 mM	0.1585 mL	0.7927 mL	1.5853 mL
50 mM	0.0317 mL	0.1585 mL	0.3171 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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