

Sulfo-Cy5 amine hydrochloride

Chemical Properties

CAS No. :

Formula: C₃₈H₅₃ClN₄O₇S₂

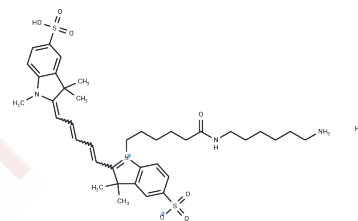
Molecular Weight: 777.43

Storage:

Keep away from direct sunlight, Keep away from moisture

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 amine hydrochloride (Sulfo-Cy5 amine hydrochloride) is a highly water-soluble Cy5 dye that can be conjugated to biomolecules without causing hydrophobic aggregation, improving the stability of fluorescently labeled products.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2863 mL	6.4314 mL	12.8629 mL
5 mM	0.2573 mL	1.2863 mL	2.5726 mL
10 mM	0.1286 mL	0.6431 mL	1.2863 mL
50 mM	0.0257 mL	0.1286 mL	0.2573 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.

Reference

Zhu M, et al. Highly swelling pH-responsive microgels for dual mode near infra-red fluorescence reporting and imaging. *Nanoscale Adv.* 2020 Aug 14;2(9):4261-4271.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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