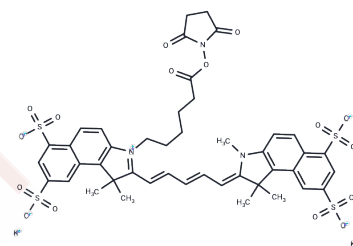


Sulfo-CY-5.5 NHS ester tripotassium

Chemical Properties

CAS No. : 2419286-92-1
 Formula: C₄₄H₄₂K₃N₃O₁₆S₄
 Molecular Weight: 1114.37
 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-CY-5.5 NHS ester (Sulfo-Cyanine5.5 NHS ester) tripotassium is a sulfonated far-red Cyanine5.5 fluorophore ester that reacts with amines. It is commonly used to label antibodies, proteins, and other molecules for in vivo NIR imaging [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8974 mL	4.4868 mL	8.9737 mL
5 mM	0.1795 mL	0.8974 mL	1.7947 mL
10 mM	0.0897 mL	0.4487 mL	0.8974 mL
50 mM	0.0179 mL	0.0897 mL	0.1795 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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