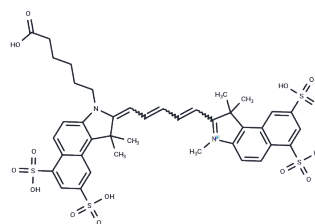


Sulfo-Cyanine5.5 carboxylic acid potassium

Chemical Properties

CAS No. :	2183440-69-7
Formula:	C40H42KN2O14S4
Molecular Weight:	942.125
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Sulfo-Cyanine5.5 carboxylic acid potassium is a fluorescent dye with excitation/emission wavelengths of 673/707 nm. The inclusion of a sulfonate group enhances its hydrophilicity. The terminal carboxylic acid can react with primary amine groups in the presence of activators such as EDC and HATU to form stable amide bonds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0614 mL	5.3071 mL	10.6142 mL
5 mM	0.2123 mL	1.0614 mL	2.1228 mL
10 mM	0.1061 mL	0.5307 mL	1.0614 mL
50 mM	0.0212 mL	0.1061 mL	0.2123 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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