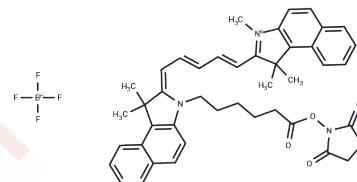


Cyanine5.5 NHS ester tetrafluoroborate

Chemical Properties

CAS No. : 2375105-86-3
 Formula: C44H46BF4N3O4
 Molecular Weight: 767.66
 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	Cyanine5.5 NHS ester tetrafluoroborate, a member of the cyanine dye series, is a widely used fluorescent marker for biomolecules. It can bind to double-helical DNA through intercalation, exhibiting enhanced fluorescence upon binding.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3027 mL	6.5133 mL	13.0266 mL
5 mM	0.2605 mL	1.3027 mL	2.6053 mL
10 mM	0.1303 mL	0.6513 mL	1.3027 mL
50 mM	0.0261 mL	0.1303 mL	0.2605 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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