

Cyanine5 amine hydrochloride

Chemical Properties

CAS No. : 1807529-70-9

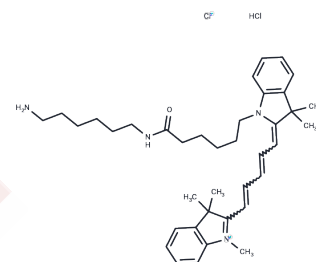
Formula: C₃₈H₅₄Cl₂N₄O

Molecular Weight: 653.77

Keep away from direct sunlight

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 amine, hydrochloride can undergo a copper-catalyzed azide-alkyne cycloaddition (CuAAC) reaction with terminal alkynes and can also react with carboxyl groups to label polysaccharides. It has excitation/emission wavelengths of 646/662 nm.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5296 mL	7.6479 mL	15.2959 mL
5 mM	0.3059 mL	1.5296 mL	3.0592 mL
10 mM	0.153 mL	0.7648 mL	1.5296 mL
50 mM	0.0306 mL	0.153 mL	0.3059 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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