

Cy7 alkyne chloride

Chemical Properties

CAS No. : 1998119-13-3

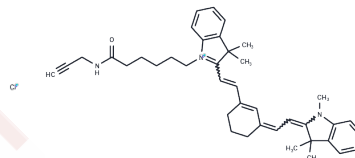
Formula: C₄₀H₄₈ClN₃O

Molecular Weight: 622.282

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	Cy7 alkyne chloride is a derivative of Cyanine 7 (Cy7) dye, incorporating an alkyne functional group (Ex/Em = 740/770 nm). The alkyne group in Cy7 alkyne chloride can react with molecules containing an azide functional group to form a covalent bond.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.607 mL	8.035 mL	16.0699 mL
5 mM	0.3214 mL	1.607 mL	3.214 mL
10 mM	0.1607 mL	0.8035 mL	1.607 mL
50 mM	0.0321 mL	0.1607 mL	0.3214 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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