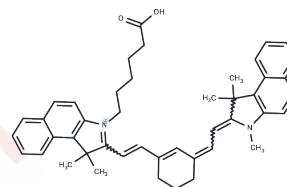


Cyanine7.5 carboxylic acid chloride

Chemical Properties

CAS No. :	1803099-44-6
Formula:	C ₄₅ H ₄₉ ClN ₂ O ₂
Molecular Weight:	685.34
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	Cyanine7.5 carboxylic acid chloride, a dye derivative of Cyanine 7.5 (Cy7.5) featuring carboxylic acid functional groups, is a near-infrared fluorescent dye used primarily in biomedical research for applications like biomarkers and cell imaging. It can covalently bind to biological molecules (especially antibodies, proteins, etc.) to monitor their location and dynamic changes in biological samples.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4591 mL	7.2956 mL	14.5913 mL
5 mM	0.2918 mL	1.4591 mL	2.9183 mL
10 mM	0.1459 mL	0.7296 mL	1.4591 mL
50 mM	0.0292 mL	0.1459 mL	0.2918 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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