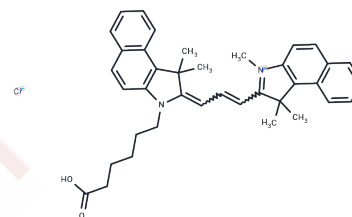


Cyanine3.5 carboxylic acid chloride

Chemical Properties

CAS No. :	1802928-88-6
Formula:	C ₃₈ H ₄₁ ClN ₂ O ₂
Molecular Weight:	593.2
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	Cyanine3.5 carboxylic acid chloride is an activated near-infrared fluorescent dye. Its carboxylic acid group is converted into an acyl chloride (-COCl) form, which has higher reactivity. It can react quickly with the amine group (-NH ₂) in biological molecules to generate a stable amide bond (-CO-NH-). It is suitable for labeling biological molecules such as proteins and peptides, and has a wide range of applications in biological imaging and analysis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6858 mL	8.4289 mL	16.8577 mL
5 mM	0.3372 mL	1.6858 mL	3.3715 mL
10 mM	0.1686 mL	0.8429 mL	1.6858 mL
50 mM	0.0337 mL	0.1686 mL	0.3372 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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