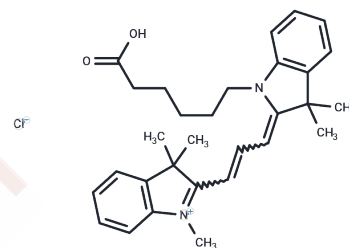


Cyanine3 carboxylic acid chloride

Chemical Properties

CAS No. :	1032678-01-5
Formula:	C ₃₀ H ₃₇ ClN ₂ O ₂
Molecular Weight:	493.08
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 carboxylic acid is a non-toxic red fluorescent dye that serves as a non-reactive fluorophore for experimental controls and calibration. It can also be conjugated with targeting active molecules to create fluorescent probes for rapid detection of molecular reactions. [Ex/Em(nm)=550/570nm]
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0281 mL	10.1403 mL	20.2807 mL
5 mM	0.4056 mL	2.0281 mL	4.0561 mL
10 mM	0.2028 mL	1.014 mL	2.0281 mL
50 mM	0.0406 mL	0.2028 mL	0.4056 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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