

Cyanine3 carboxylic acid

Chemical Properties

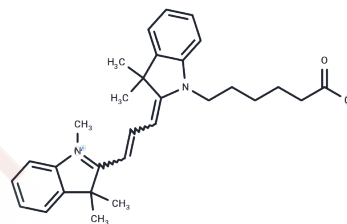
CAS No. : 1361402-15-4

Formula: C₃₀H₃₆N₂O₂

Molecular Weight: 456.62

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	Cyanine3 carboxylic acid, a member of the cyanine dye series, is a widely used fluorescent marker for biomolecules and can interact with them. These dyes may also bind to double-helical DNA through intercalation, exhibiting enhanced fluorescence upon binding.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.190 mL	10.950 mL	21.900 mL
5 mM	0.438 mL	2.190 mL	4.380 mL
10 mM	0.219 mL	1.095 mL	2.190 mL
50 mM	0.0438 mL	0.219 mL	0.438 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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