

Cyanine5 NHS ester bromide

Chemical Properties

CAS No. : 1653991-59-3

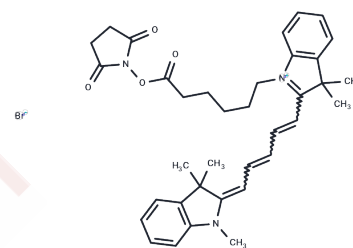
Formula: C₃₆H₄₂BrN₃O₄

Molecular Weight: 660.64

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	Cyanine5 NHS ester bromide, a cyanine dye and active compound, is utilized for labeling amino groups in peptides, proteins, and oligonucleotides. It specifically labels fluorescence neurotensin (8-13) through arginine residues [1].
Targets(IC50)	Others
In vitro	Cyanine5 NHS ester bromide can be excited using red (635 nm) or 488 nm argon lasers [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5137 mL	7.5684 mL	15.1368 mL
5 mM	0.3027 mL	1.5137 mL	3.0274 mL
10 mM	0.1514 mL	0.7568 mL	1.5137 mL
50 mM	0.0303 mL	0.1514 mL	0.3027 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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