

Cyanine 3.5 bromide

Chemical Properties

CAS No. :

Formula: C₄₂H₄₄BrN₃O₄

Molecular Weight: 734.72

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	Cyanine 3.5 bromide (Cy3.5 NHS ester bromide) is an analog of the Cy3.5 fluorophore. This compound is a red fluorescent dye that actively labels amino groups in peptides, proteins, and oligonucleotides, with excitation and emission wavelengths of 591 nm and 604 nm, respectively.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3611 mL	6.8053 mL	13.6106 mL
5 mM	0.2722 mL	1.3611 mL	2.7221 mL
10 mM	0.1361 mL	0.6805 mL	1.3611 mL
50 mM	0.0272 mL	0.1361 mL	0.2722 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.

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