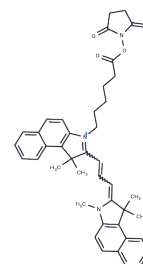


Cyanine 3.5 chloride

Chemical Properties

CAS No. : 2231670-86-1
 Formula: C₄₂H₄₄ClN₃O₄
 Molecular Weight: 690.27
 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 (Cy3.5 NHS ester) chloride, a red fluorescent dye and reactive Cy3.5 fluorophore analog, is utilized for the labeling of amino groups in peptides, proteins, and oligonucleotides. It exhibits an excitation wavelength (λ_{ex}) of 591 nm and an emission wavelength (λ_{em}) of 604 nm. [1] [2]
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4487 mL	7.2435 mL	14.4871 mL
5 mM	0.2897 mL	1.4487 mL	2.8974 mL
10 mM	0.1449 mL	0.7244 mL	1.4487 mL
50 mM	0.029 mL	0.1449 mL	0.2897 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481