

## Cyanine3 amine hydrochloride

## Chemical Properties

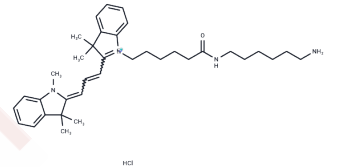
CAS No. : 2247688-56-6

Formula: C<sub>36</sub>H<sub>52</sub>Cl<sub>2</sub>N<sub>4</sub>O

Molecular Weight: 627.73

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 amine hydrochloride, a potent green fluorescent dye and analog of Cyanine3 amine, features a primary amine group. This compound can be covalently coupled with reactive groups including NHS esters, carboxy groups (after carbodiimide activation), and epoxides. It exhibits an excitation wavelength ( $\lambda_{ex}$ ) of 555 nm and an emission wavelength ( $\lambda_{em}$ ) of 570 nm [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.593 mL	7.9652 mL	15.9304 mL
5 mM	0.3186 mL	1.593 mL	3.1861 mL
10 mM	0.1593 mL	0.7965 mL	1.593 mL
50 mM	0.0319 mL	0.1593 mL	0.3186 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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