

## Cy 5 hydrazide

## Chemical Properties

CAS No. : 1427705-31-4

Formula: C<sub>32</sub>H<sub>42</sub>Cl<sub>2</sub>N<sub>4</sub>O

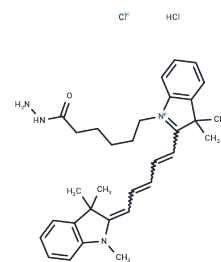
Molecular Weight: 569.61

Keep away from direct sunlight, Store at low temperature

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	Cy 5 hydrazide (Cyanine5 hydrazide) is a cyanine dye, used for labeling aldehydes and ketones as active chromophores.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7556 mL	8.7779 mL	17.5559 mL
5 mM	0.3511 mL	1.7556 mL	3.5112 mL
10 mM	0.1756 mL	0.8778 mL	1.7556 mL
50 mM	0.0351 mL	0.1756 mL	0.3511 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.

## Reference

Yoshimura T, et al. A novel procedure for the assessment of the antioxidant capacity of food components. Anal Biochem. 2016 Aug 15;507:7-12.

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