

Cy7.5-COOH

Chemical Properties

CAS No. : 1144107-81-2

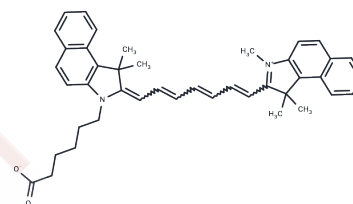
Formula: C42H44N2O2

Molecular Weight: 608.81

Storage: Keep away from direct sunlight

Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cy7.5-COOH is a derivative of CY7.5, exhibiting excitation/emission wavelengths of 785/810 nm. Cy7.5 is an amine-reactive, near-infrared (NIR) fluorophore with spectral characteristics of Ex/Em=700-770/790 nm, commonly employed for protein and nucleic acid labelling.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6425 mL	8.2127 mL	16.4255 mL
5 mM	0.3285 mL	1.6425 mL	3.2851 mL
10 mM	0.1643 mL	0.8213 mL	1.6425 mL
50 mM	0.0329 mL	0.1643 mL	0.3285 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

Maria Lopalco, et al. Catch and release microwave mediated synthesis of cyanine dyes. Org Biomol Chem. 2009 Mar 7;7(5):856-9.

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