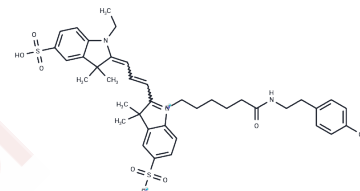


Cyanine 3 Tyramide

Chemical Properties

CAS No. :	174961-75-2
Formula:	C39H47N3O8S2
Molecular Weight:	749.94
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cyanine 3 Tyramide (Tyramide-Cy3), an orange fluorescent dye, acts as a reporter substrate in horseradish peroxidase (HRP)-catalyzed deposition for signal amplification in immunoassays and in situ nucleic acid hybridization.
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3334 mL	6.6672 mL	13.3344 mL
5 mM	0.2667 mL	1.3334 mL	2.6669 mL
10 mM	0.1333 mL	0.6667 mL	1.3334 mL
50 mM	0.0267 mL	0.1333 mL	0.2667 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

Chao J, et, al. Immunofluorescence signal amplification by the enzyme-catalyzed deposition of a fluorescent reporter substrate (CARD). Cytometry. 1996 Jan 1;23(1):48-53.

Schmidt BF, et, al. Signal amplification in the detection of single-copy DNA and RNA by enzyme-catalyzed deposition (CARD) of the novel fluorescent reporter substrate Cy3.29-tyramide. J Histochem Cytochem. 1997 Mar; 45(3):365-73.

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