

(5)6-Carboxytetramethylrhodamine

Chemical Properties

CAS No. :	117557-83-2
Formula:	C ₂₅ H ₂₃ N ₂ O ₅ ⁺
Molecular Weight:	431.46
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	(5)6-Carboxytetramethylrhodamine, a bright orange-fluorescent dye with absorption/emission maxima of ~555/580 nm [1], contains a carboxylic acid that reacts with primary amines via carbodiimide activation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3177 mL	11.5886 mL	23.1771 mL
5 mM	0.4635 mL	2.3177 mL	4.6354 mL
10 mM	0.2318 mL	1.1589 mL	2.3177 mL
50 mM	0.0464 mL	0.2318 mL	0.4635 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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