

5(6)-TAMRA [5-(and-6)-Carboxytetramethylrhodamine] *Mixed isomers*

Chemical Properties

CAS No.:	150347-56-1
Formula:	C ₂₅ H ₂₂ N ₂ O ₅
Molecular Weight:	430.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	5(6)-TAMRA contains a carboxylic acid that can be used to react with primary amines via carbodiimide activation of the carboxylic acid. This bright, orange-fluorescent dye produces conjugates with absorption/emission maxima of ~555/580 nm.
In vitro	5 (6) - TAMRA is a fluorescent dye, Which is widely used as a marker of peptides and proteins

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.323 mL	11.616 mL	23.232 mL
5 mM	0.465 mL	2.323 mL	4.646 mL
10 mM	0.232 mL	1.162 mL	2.323 mL
50 mM	0.046 mL	0.232 mL	0.465 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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