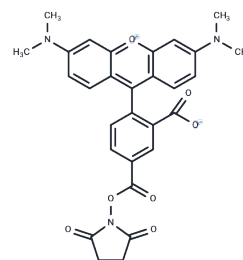


5-TAMRA-SE

Chemical Properties

CAS No. :	150810-68-7
Formula:	C ₂₉ H ₂₅ N ₃ O ₇
Molecular Weight:	527.53
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	5-TAMRA-SE, an amine-reactive fluorescent agent, forms conjugates that produce bright, pH-insensitive orange-red fluorescence (approximate excitation/emission maxima ~546/579) and exhibit good photostability.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 17 mg/mL (32.23 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8956 mL	9.4781 mL	18.9563 mL
5 mM	0.3791 mL	1.8956 mL	3.7913 mL
10 mM	0.1896 mL	0.9478 mL	1.8956 mL
50 mM	0.0379 mL	0.1896 mL	0.3791 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.

Reference

Kierzek R, et al. 5'-Amino Pyrene Provides a Sensitive, Nonperturbing Fluorescent Probe of RNA Secondary and Tertiary Structure Formation. J Am Chem Soc (1993) 115:4985-4985

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