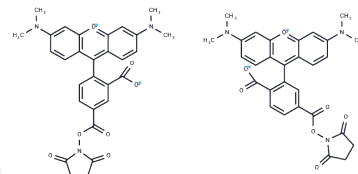


5(6)-TAMRA SE

Chemical Properties

CAS No. :	246256-50-8
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(6)-TAMRA SE (5(6)-Carboxytetramethylrhodamine N-succinimidyl ester) is the amine-reactive, mixed isomer form of TAMRA. 5(6)-TAMRA SE is a dye for oligonucleotide labeling and automated DNA sequencing applications.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (47.39 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

Fuller ME, et al. Application of a vital fluorescent staining method for simultaneous, near-real-time concentration monitoring of two bacterial strains in an Atlantic coastal plain aquifer in Oyster, Virginia. Appl Environ Microbiol.

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