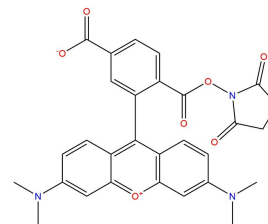


## 6-TAMRA-SE

## Chemical Properties

CAS No.:	150810-69-8
Formula:	C <sub>29</sub> H <sub>25</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight:	527.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	6-TAMRA-SE is an amine-reactive form of tetramethylrhodamine and one of the traditional fluorophores used for automated DNA sequencing.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 100 mg/mL (189.57 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.896 mL	9.478 mL	18.957 mL
5 mM	0.379 mL	1.896 mL	3.791 mL
10 mM	0.19 mL	0.948 mL	1.896 mL
50 mM	0.038 mL	0.19 mL	0.379 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.

## Reference

1. Wang Y, et al. RNA molecules that specifically and stoichiometrically bind aminoglycoside antibiotics with high affinities. *Biochemistry*. 1996 Sep 24;35(38):12338-46.

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