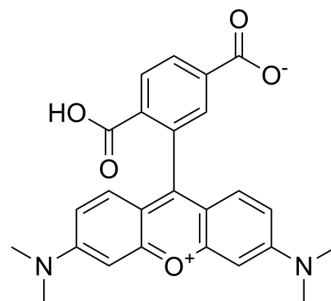


6-TAMRA

Cat. No.:	HY-15943
CAS No.:	91809-67-5
Molecular Formula:	C ₂₅ H ₂₂ N ₂ O ₅
Molecular Weight:	430.45
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 2.86 mg/mL (6.64 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3232 mL	11.6158 mL	23.2315 mL
	5 mM	0.4646 mL	2.3232 mL	4.6463 mL
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

6-TAMRA has been a widely used fluorophore for preparing bioconjugates, especially fluorescent antibody and avidin derivatives used in immunochemistry. Under the name TAMRA, the carboxylic acid of 6-TAMRA has also achieved prominence as a dye for oligonucleotide labeling and automated DNA sequencing applications.

CUSTOMER VALIDATION

- J Control Release. 2022 Aug 4;349:876-889.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

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