

Product datasheet

5(6)-TAMRA (5(6)-Carboxytetramethylrhodamine), Amine-reactive fluorescent probe ab145282

Overview

Product name	5(6)-TAMRA (5(6)-Carboxytetramethylrhodamine), Amine-reactive fluorescent probe
Description	Amine-reactive fluorescent probe
Biological description	Amine-reactive fluorescent probe. 5-TAMRA (ab145438) and 6-TAMRA (ab145338) mixture. Labels peptides, proteins, nucleotides and nucleic acids. Acts as an acceptor for FAMs in FRET studies.
Purity	> 95%
CAS Number	98181-63-6
Chemical structure	

Properties

Excitation	555nm
Emission	580nm
Chemical name	5(6)-Carboxytetramethylrhodamine
Molecular weight	430.45
Molecular formula	C ₂₅ H ₂₂ N ₂ O ₅
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions](#)

[\(FAQ\) page](#) for more details.

Source	Synthetic
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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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