

5-TAMRA [5-Carboxytetramethylrhodamine] *Single isomer*

Cat. No. DYE-51 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description

5-TAMRA is the purified single isomer of 5(6)-TAMRA. It is widely used to label peptides and proteins. It is preferred for some complicated biological applications where reproducibility is more critical than material cost since the minor positional difference between 5-TAMRA and 6-TAMRA might affect some biological properties of the underlying conjugates. Currently AAT Bioquest is using a proprietary process to synthesize isomer-free 5-TAMRA without the conventional chromatographic purification.

CAS number 91809-66-4

Molecular Mass 430.45

Formula C₂₅H₂₂N₂O₅

Ex(nm) 541

Em(nm) 568

Solvent DMSO

Storage Store at -20°C in the dark. Dessicated.

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