

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	C ₂₅ H ₂₂ N ₂ O ₅
Ex(nm)	541
Em(nm)	568
Solvent	DMSO
Storage	Store at -20°C in the dark. Dessicated.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA