
Product Data Sheet

Product Name: 5(6)-TAMRA SE (5(6)-Carboxytetramethylrhodamine N-succinimidyl ester)
 Cat. No.: GC30157

Chemical Properties

Cas. No. 246256-50-8

SMILES O=C(C1=C2C=CC(C(ON(C(CC3=O)C3=O)=O)=C1)OC42C(C=CC(N(C)C)=C5)=C5OC6=C4C=CC(N(C)C)=C6.O=C(C7=CC(C8(O9)C(C

Formula C₂₉H₂₅N₃O₇

M.Wt 527

Solubility DMSO : 36 mg/mL (68.24 mM)

Storage Sto

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

5(6)-TAMRA SE is the amine-reactive, mixed isomer form of TAMRA, which is a dye for oligonucleotide labeling and automated DNA sequencing applications.

[1]. Fuller ME, et al. Application of a vital fluorescent staining method for simultaneous, near-real-time concentration monitoring of two bacterial strains in an Atlantic coastal plain aquifer in Oyster, Virginia. *Appl Environ Microbiol.* 2004 Mar;70(3):1680-7. [2]. Brunner A, et al. Labelling peptides with fluorescent probes for incorporation into degradable polymers. *Eur J Pharm Biopharm.* 1998 May;45(3):265-73. [3]. Jiang M, et al. Design and synthesis of new acid cleavable linkers for DNA sequencing by synthesis. *Nucleosides Nucleotides Nucleic Acids.* 2014;33(12):774-85.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
