Data Sheet (Cat.No.T18904)



6-TAMRA-SE

Chemical Properties

CAS No.: 150810-69-8

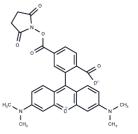
Formula: C29H25N3O7

Molecular Weight: 527.52

Appearance: no data available

Storage: keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| | 6-TAMRA-SE (6-TAMRA-NHS ester) is an amine-reactive form of tetramethylrhodamine and one of the traditional fluorophores used for automated DNA sequencing. |
|---------------|---|
| Targets(IC50) | Others |

Solubility Information

| Solubility | DMSO: 100 mg/mL (189.57 mM), Sonication is recommended. |
|------------|---|
| | (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| | |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8957 mL | 9.4783 mL | 18.9566 mL |
| 5 mM | 0.3791 mL | 1.8957 mL | 3.7913 mL |
| 10 mM | 0.1896 mL | 0.9478 mL | 1.8957 mL |
| 50 mM | 0.0379 mL | 0.1896 mL | 0.3791 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Wang Y, et al. RNA molecules that specifically and stoichiometrically bind aminoglycoside antibiotics with high affinities. Biochemistry. 1996 Sep 24;35(38):12338-46.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

Page 1 of 1 www.targetmol.com