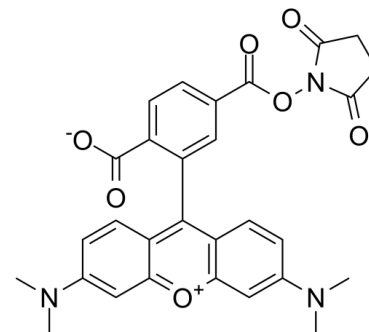


## Data Sheet

|                           |   |
|---------------------------|---|
| <b>Product Name:</b>      | 6-TAMRA-SE  |
| <b>Cat. No.:</b>          | CS-3861   |
| <b>CAS No.:</b>           | 150810-69-8   |
| <b>Molecular Formula:</b> | C <sub>29</sub> H <sub>25</sub> N <sub>3</sub> O <sub>7</sub> |
| <b>Molecular Weight:</b>  | 527.52  |
| <b>Target:</b>            | Others  |
| <b>Pathway:</b>           | Others  |
| <b>Solubility:</b>        | DMSO : 15 mg/mL (28.43 mM; Need ultrasonic and warming)       |



### BIOLOGICAL ACTIVITY:

6-TAMRA-SE is an amine-reactive form of tetramethylrhodamine; one of the traditional fluorophores used for automated DNA sequencing.

### References:

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

### CAIndexNames:

Xanthylum, 9-[2-carboxy-5-[[[(2,5-dioxo-1-pyrrolidinyl)oxy]carbonyl]phenyl]-3,6-bis(dimethylamino)-, inner salt

### SMILES:

CN(C1=CC2=[O+]C3=C(C=CC(N(C)C)=C3)C(C4=CC(C(ON5C(CCC5=O)=O)=O)=CC=C4C([O-])=O)=C2C=C1)C

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA