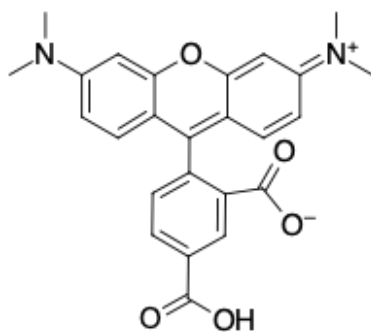


TAMRA carboxylic acid, 5-isomer

<http://cn.lumiprobe.com/p/tamra-carboxylic-acid-5>

Tetramethylrhodamine (TAMRA) is a xanthene dye with orange emission. The dye is a FRET acceptor for FAM and is sometimes used as a quencher of FAM. Like other xanthenes, TAMRA exists as two isomers (5- and 6-) with similar spectral properties. This compound is a pure 5-isomer of TAMRA.

TAMRA carboxylic acid is a non-reactive form of TAMRA dye that can be used as a reference standard in experiments involving TAMRA dye conjugates. Besides, the carboxylic group can react with hydrazines, hydroxylamines, and amines using carbodiimides such as EDAC.



外观:

分子量: 430.46

量:

CAS 91809-66-4

编号:

分子式: $C_{25}H_{22}N_2O_5$

式:

质量

控制:

储存

条件:

法律声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。

激发/ 541

吸收

极大

值,

纳米:

ϵ , 摩尔

吸

光系

数 m^2

发射 567

极大

值,

纳米:

荧光 0.1

量子

产率:

CF_{260} : 0.32

CF_{280} : 0.19