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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 分子式: C₂₅H₂₂N₂O₅

质量控制: 储存条件:

激发/吸收极大值,纳米: 541 ε,摩尔吸光系数,cm⁻¹: 84000 发射极大值,纳米: 567 荧光量子产率: 0.1 CF₂₆₀: 0.32 CF₂₈₀: 0.19