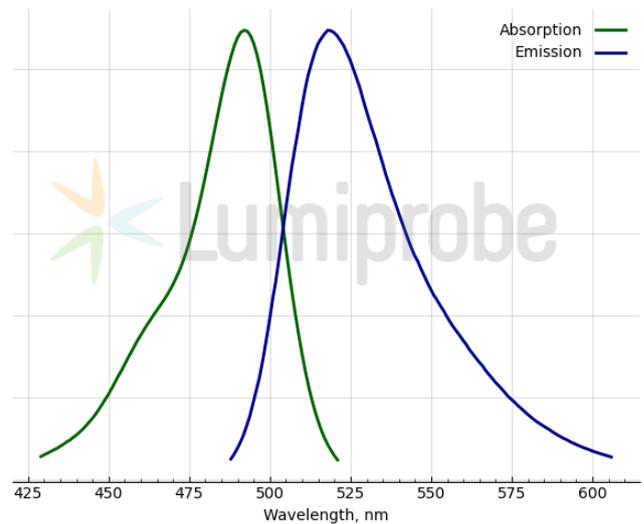
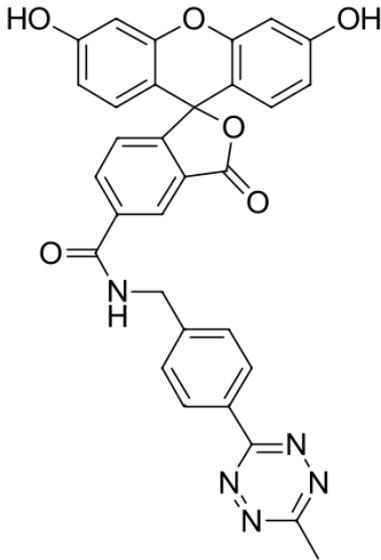


FAM tetrazine, 5-isomer

<http://cn.lumiprobe.com/p/fam-tetrazine-5>

Tetrazine (methyltetrazine) derivative of fluorescein, pure 5-isomer.

Tetrazines are reactive heterodiene components for [4+2] inverse electron demand Diels-Alder reaction (ied-DA) with strained cycloalkenes (trans-cyclooctenes, cyclopropenes). This reaction is also called TCO (tetrazine-cyclooctene) ligation. The reaction is among the fastest bioconjugation reactions.



外观:

质谱 M+ 增量: 529.12
分子量: 559.53
CAS 编号: 1619222-85-3
分子式: C₃₁H₂₁N₅O₆
溶解度:
质量控制:
储存条件:

激发/吸收极大值, 纳米: 492
ε, 摩尔吸光系数, cm⁻¹: 74000
发射极大值, 纳米: 517
荧光量子产率: 0.93
CF₂₆₀: 0.22
CF₂₈₀: 0.17