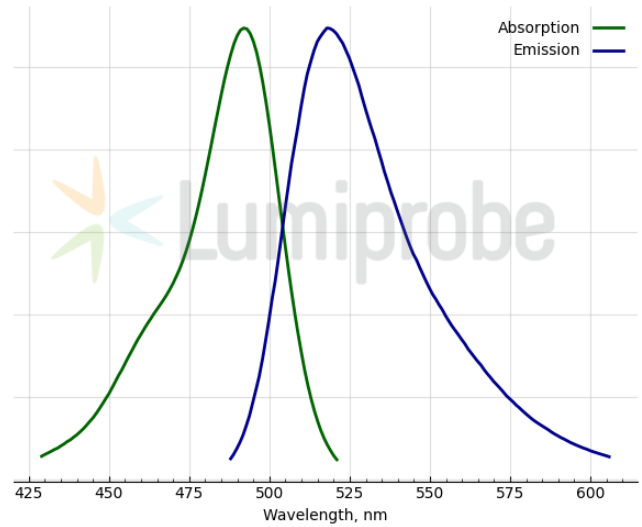
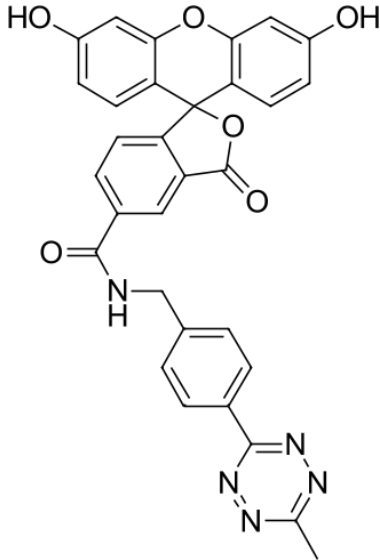


FAM tetrazine, 5-isomer

<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: $C_{31}H_{21}N_5O_6$

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

CF_{260} : 0.22

CF_{280} : 0.17