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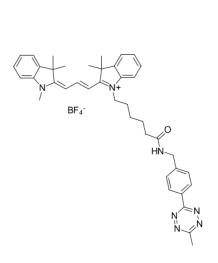
電子郵件: <u>order@lumiprobe.com</u>

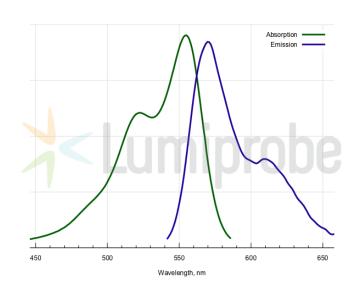
Cyanine3 tetrazine

http://hk.lumiprobe.com/p/cy3-tetrazine

Cyanine3 tetrazine is a fluorescent dye with tetrazine moiety for a conjugation reaction called TCO (trans-cyclooctene) ligation. Actually, tetrazines react not only with trans-cyclooctenes, but also with cyclopropenes and strained non-benzo-fused cycloalkynes.

Cyanine3 is a moderately hydrophobic dye, enabling labeling in non-aqueous environment as well as in aqueous media containing some organic co-solvent like acetonitrile or DMSO. For reactions in purely aqueous media, a <u>sulfonated version</u> of this reagent is available.





外观:

质谱 M+ 增量: 611.4 分子量: 727.64

CAS 编号: 2183473-57-4

分子式: C₄₀H₄₆N₇BF₄O

溶解度: 质量控制: 储存条件:

CF₂₈₀:

激发/吸收极大值,纳米: 555
ε,摩尔吸光系数,cm⁻¹: 150000
发射极大值,纳米: 570
荧光量子产率: 0.31
CF₂₆₀: 0.04

0.09