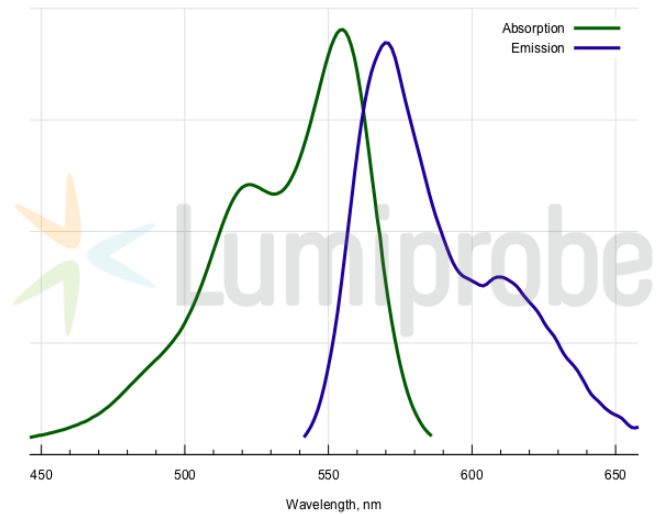
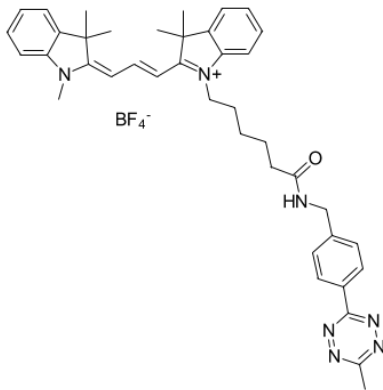


Cyanine3 tetrazine

<http://cn.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-benzofused 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 [sulfonated version](#) 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: $C_{40}H_{46}N_7BF_4O$

溶解度:

质量控制:

储存条件:

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

CF_{260} : 0.04

CF_{280} : 0.09