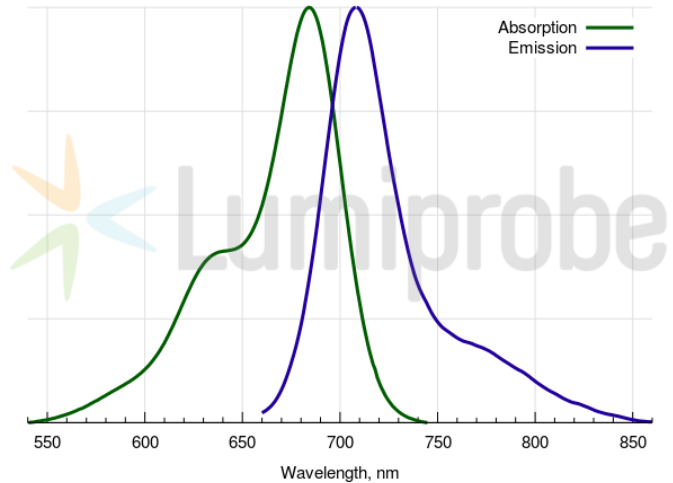
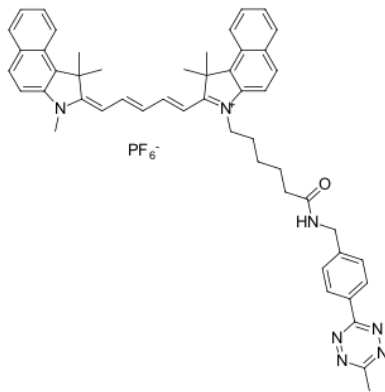


## Cyanine5.5 tetrazine

<http://cn.lumiprobe.com/p/cy55-tetrazine>

Cyanine5.5 is a far red emitting dye for *in vivo* imaging and applications requiring low background. This Cyanine5.5 derivative contains tetrazine moiety that reacts with trans-cyclooctenes, cyclopropenes, and some strained cyclooctynes to form stable conjugates.

This labeling reaction is extremely fast and can be used *in vivo*.



外观:

质谱 M+ 增量: 737.4

分子量: 911.96

分子式: C<sub>50</sub>H<sub>52</sub>N<sub>7</sub>F<sub>6</sub>OP

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 684

ε, 摩尔吸光系数, cm<sup>-1</sup>: 198000

发射极大值, 纳米: 710

荧光量子产率: 0.2

CF<sub>260</sub>: 0.07

CF<sub>280</sub>: 0.03