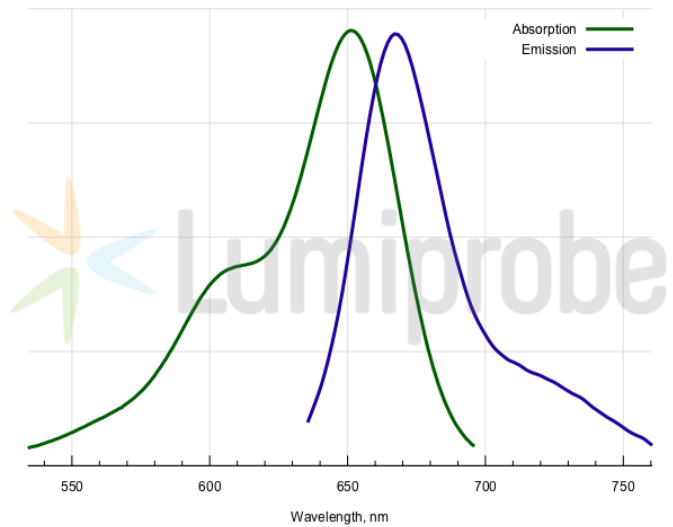
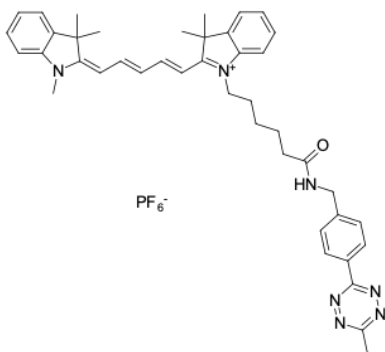


Cyanine5 tetrazine

<http://cn.lumiprobe.com/p/cyanine5-tetrazine>

Tetrazine-cyclooctene (TCO) ligation is one of the fastest bioconjugation reactions known to date. In order to use it for fluorescent labeling, a fluorescent reporter molecule bearing one of the reacting groups is necessary.

Cyanine5 tetrazine is a molecule bearing Cyanine5 fluorophore, and tetrazine moiety. Cyanine5 is a very popular fluorophore compatible with numerous instruments.



外观:

质谱 M+ 增量:

637.4

分子量:

811.84

分子式:

C₄₂H₄₈N₇F₆OP

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 646

ε, 摩尔吸光系数, cm⁻¹: 250000

发射极大值, 纳米: 662

荧光量子产率: 0.2

CF₂₆₀: 0.03

CF₂₈₀: 0.04