

Cyanine3 maleimide

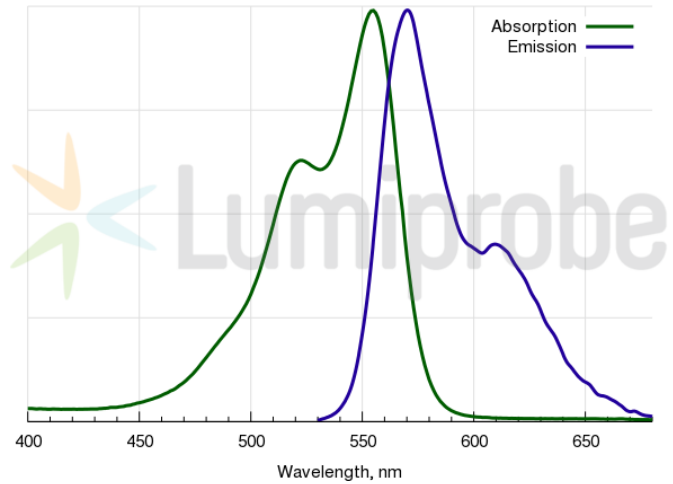
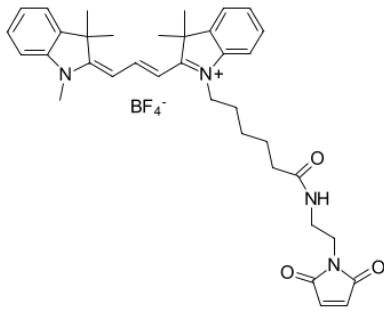
<http://cn.lumiprobe.com/p/cy3-maleimide>

Thiol mono-reactive Cyanine3 dye. This reagent can be used to attach Cyanine3 fluorophore (an analog of Cy3®) to proteins and peptides containing cysteine residues, as well as to other thiolated molecules (such as thiol-containing oligonucleotides).

Cystines should be reduced with TCEP (tris-carboxyethylphosphine) or other appropriate reductant prior to the labeling.

Labeling with Cyanine3 maleimide is selective, and efficient.

We recommend using water-soluble [Sulfo-Cyanine3 maleimide](#) for the labeling of antibodies and other sensitive proteins.



外观:

分子量: 666.56

分子式: C₃₆H₄₃N₄O₃BF₄

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

CF₂₆₀: 0.04

CF₂₈₀: 0.09