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Cyanine3 maleimide

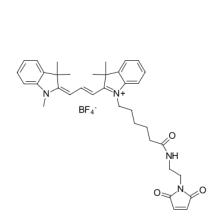
http://cn.lumiprobe.com/p/cy3-maleimide

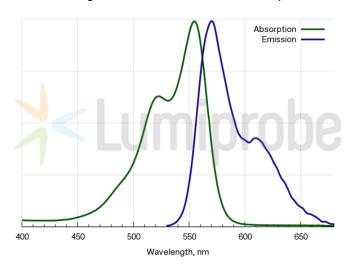
Thiol mono-reactive Cyanine3 dye. This reagent can be used to attach Cyanine3 fluorophore (an analog of Cy3®) to proteins and peptides containing cysteine residues, as well as to other thiolated molecules (such as thiol-containing oligonucleotides).

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 <u>Sulfo-Cyanine3 maleimide</u> 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

 CF_{260} : 0.04 CF_{280} : 0.09