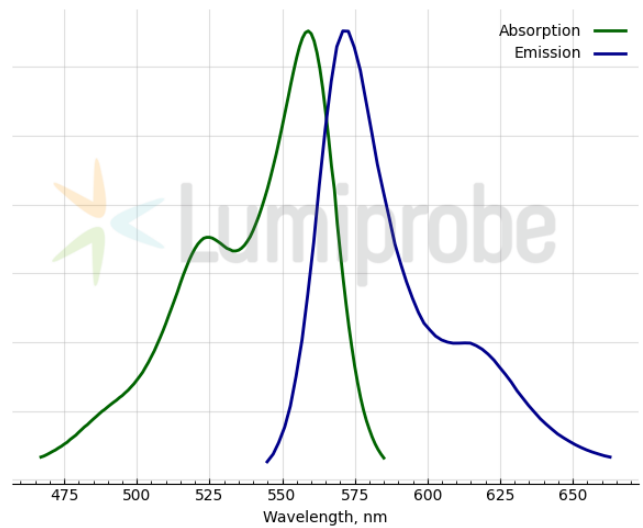
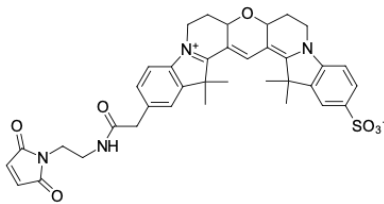


Cyanine3B maleimide

<http://hk.lumiprobe.com/p/cy3b-maleimide>

Cyanine3B is one of the brightest fluorophores possessing high sensitivity. Cyanine3B dye maleimide is used to produce maleimide-thiol conjugates via thiols to antibodies, peptides, and other biomolecules with Cyanine3B fluorophore with high fluorescence quantum yield and photostability. Michael-addition of a thiol to a maleimide approach enables the selective method of antibody labeling.

This is a sulfonated dye and can be used for efficient labeling in water buffers.



外观:

分子量: 682.80

分子式: $C_{37}H_{38}N_4O_7S$

溶解度:

质量控制:

储存条件:

法律声明:

激发/吸收极大值, 纳米: 559

ϵ , 摩尔吸光系数, cm^{-1} : 121000

发射极大值, 纳米: 571

荧光量子产率: 0.68

CF_{260} : 0.044

CF_{280} : 0.077