

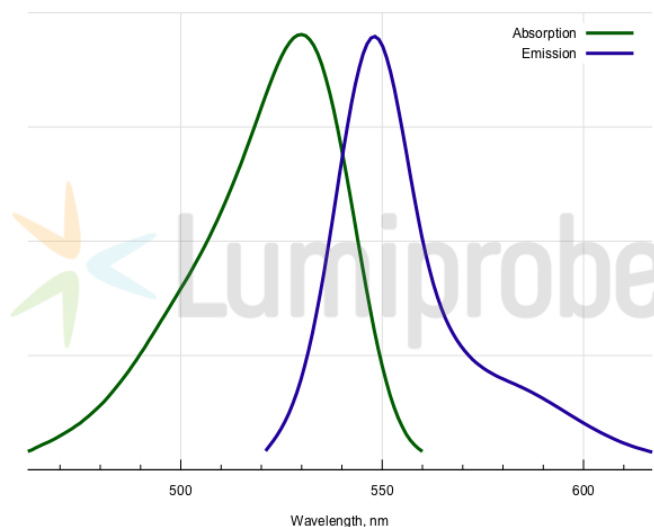
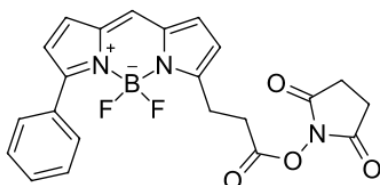
BDP R6G NHS ester

<http://cn.lumiprobe.com/p/bdp-r6g-nhs-ester>

BDP R6G NHS ester is an amine-reactive borondipyrromethene dye that has absorption and emission spectra similar to R6G.

BDP R6G is a bright and photostable dye that exhibits long living fluorescence that has little pH dependence. Due to the long fluorescence lifetime, this dye is useful for fluorescence polarization assays, and for two-photon experiments.

The NHS ester function can be conjugated with various amine groups, including those present in proteins and peptides.



外观:

质谱 M+ 增量: 322.1

分子量: 437.21

CAS 编号: 335193-70-9, 1443457-59-7

分子式: $C_{22}H_{18}BF_2N_3O_4$

IUPAC 名称: 2,5-Dioxo-1-pyrrolidinyl 3-(4,4-difluoro-5-phenyl-3a,4a-diaza-4-bora-s-indacen-3-yl)propionate

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 530

ϵ , 摩尔吸光系数, cm^{-1} : 76000

发射极大值, 纳米: 548

荧光量子产率: 0.96

CF_{260} : 0.17

CF_{280} : 0.18