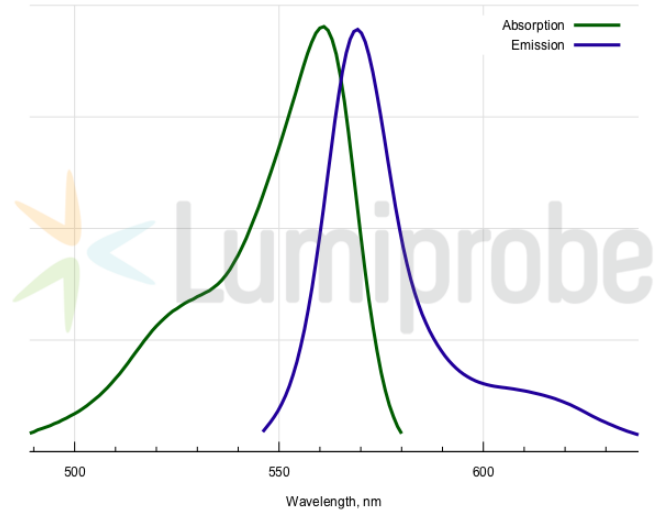
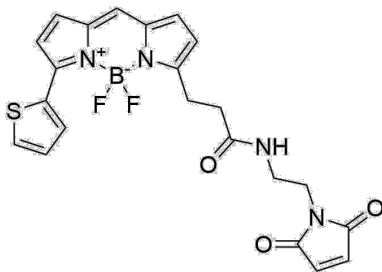


## BDP® 558/568 maleimide

<http://hk.lumiprobe.com/p/bdp-558-568-maleimide>

BDP 558/568 is a fluorophore with a fluorescence maximum at 569 nm (in the yellow spectrum range). This dye has a low Stokes shift, high quantum yield; it is hydrophobic and relatively non-sensitive to pH changes or solvent polarity. By its spectral characteristics, BDP 558/568 is an analog of such fluorophore as Cy3™. BDP 558/568 maleimide can be used for conjugation with peptides, proteins, antibodies, or other molecules that contain free thiol groups (-SH).



外观:

分子 468.28

量:

分子  $C_{22}H_{19}N_4BF_2O_3S$

式:

IUPAC 名称: 3-(5,5-difluoro-7-(thiophen-2-yl)-5H-5l4,6l4-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-3-yl)-N-(2-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)ethyl)propanamide

溶解

度:

质量

控制:

储存

条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試, 且未經明示或暗示授權用於其他任何用途, 包括但不限於體外診斷、人類或動物用途, 以及商業用途。

激发/ 561

吸收

极大

值,

纳米:

$\epsilon$ , 摩 84400

尔吸

光系

数  $m^2$

发射 569

极大

值,

纳米:

荧光 0.68

量子

产率:

CF<sub>260</sub>: 0.00

CF<sub>280</sub>: 0.07