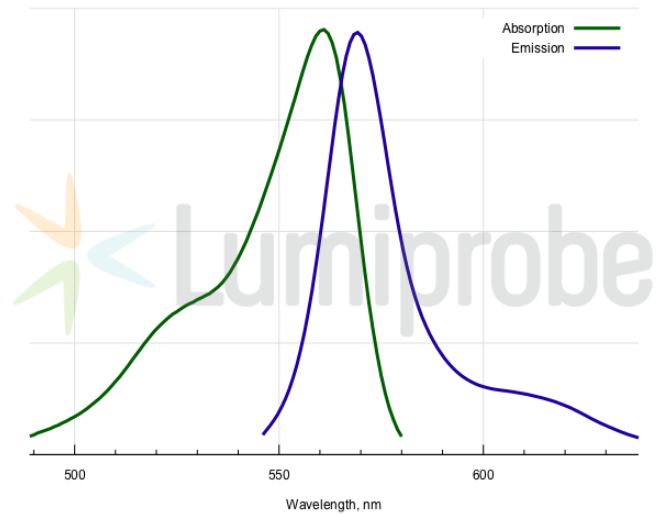
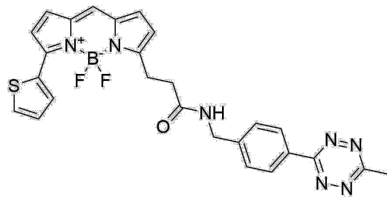


BDP® 558/568 tetrazine

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

BDP 558/568 has a high molar extinction coefficient and high quantum yield; this is a bright fluorophore and an alternative to BDP 558/568 and Cy3™ because of similar spectral properties. BDP 558/568 can be used in two-photon microscopy; it has a long excited-state lifetime, so it can be used in fluorescence polarization assay.

BDP 558/568 tetrazine is a convenient reagent for producing fluorescent conjugates of proteins, nucleic acids, and other biomolecules by tetrazine-trans-cyclooctene (TCO) ligation. This cycloaddition reaction runs relatively rapidly without metal catalysts.



外观:

分子 529.37

量:

分子 $C_{26}H_{22}N_7BF_2OS$

式:

IUPAC 名称: 3-(5,5-difluoro-7-(thiophen-2-yl)-5H-5i4,6i4-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborin-3-yl)-N-(4-(6-methyl-1,2,4,5-tetrazin-3-yl)benzyl)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:

ϵ , 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_{260} : 0.00

