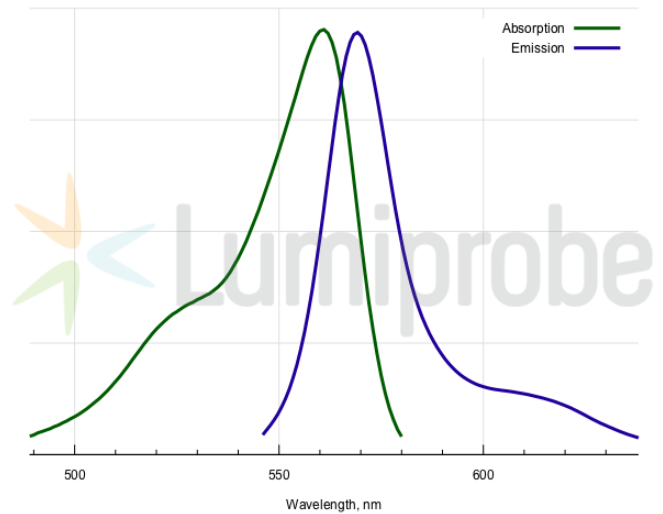
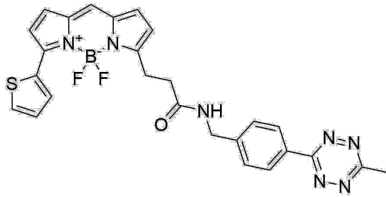


## BDP® 558/568 tetrazine

<http://cn.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 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-(4-(6-methyl-1,2,4,5-tetrazin-3-yl)benzyl)propanamide

名称:

溶解

度:

质量

控制:

储存

条件:

法律 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试，且未经明示或暗示授权用于其他任何用途，包括但不限于体外诊  
声明: 断、人类或动物用途，以及商业用途。

激发/ 561

吸收

极大

值,

纳米:

$\epsilon$ , 摩 84400

尔吸

光系

数  $\sigma_{\text{M}}$

发射 569

极大

值,

纳米:

荧光 0.68

量子

产率:

$CF_{260}$ : 0.00

$CF_{280}$ : 0.07