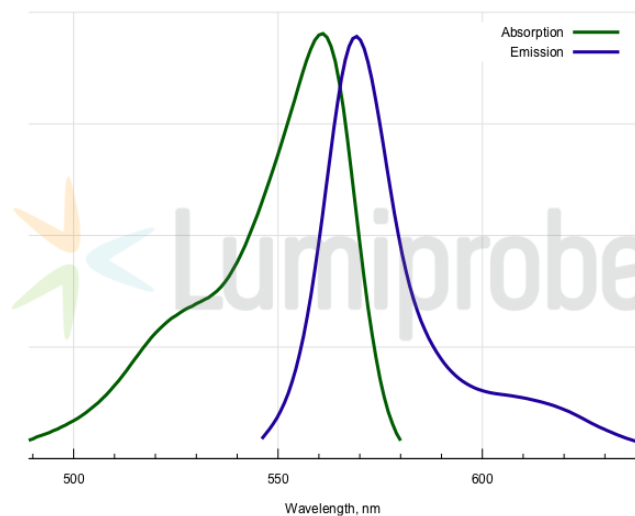
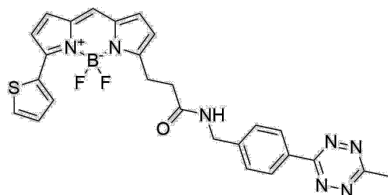


## BDP 558/568 tetrazine

<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]diazaborin-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:

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