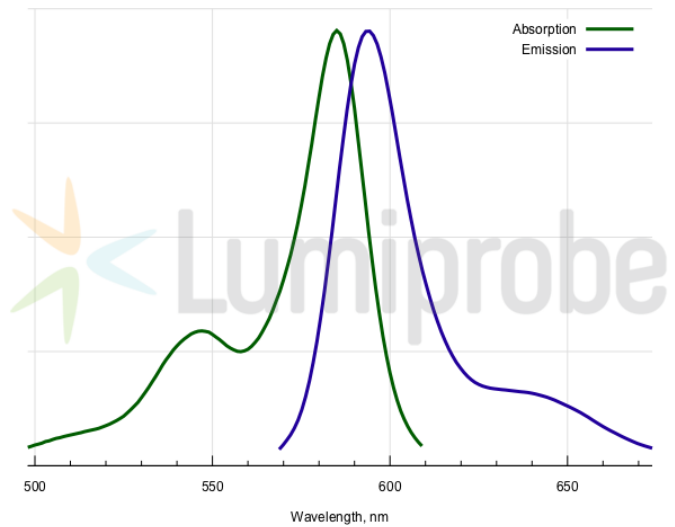
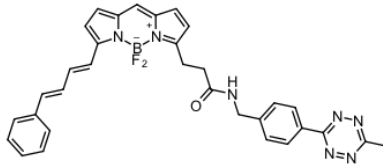


## BDP® 581/591 tetrazine

<http://hk.lumiprobe.com/p/bdp-581-591-tetrazine>

BDP 581/591 is a borondipyrromethene dye with red emission. The dye exhibits high emission quantum yield and molar extinction coefficient, relatively long fluorescence lifetime, and two-photon cross-section. Additionally, it can be used as an intracellular ROS sensor.

This tetrazine derivative allows to conjugation of the fluorophore with various strained dienophiles like trans-cyclooctenes in a fast reaction called TCO-ligation.



外观:

质谱 M+ 增量: 574.2

分子量: 575.42

分子式:  $C_{32}H_{28}N_7BF_2O$

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/吸收极大值, 纳米: 585

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 104000

发射极大值, 纳米: 594

荧光量子产率: 0.83

$CF_{260}$ : 0.06

$CF_{280}$ : 0.04