

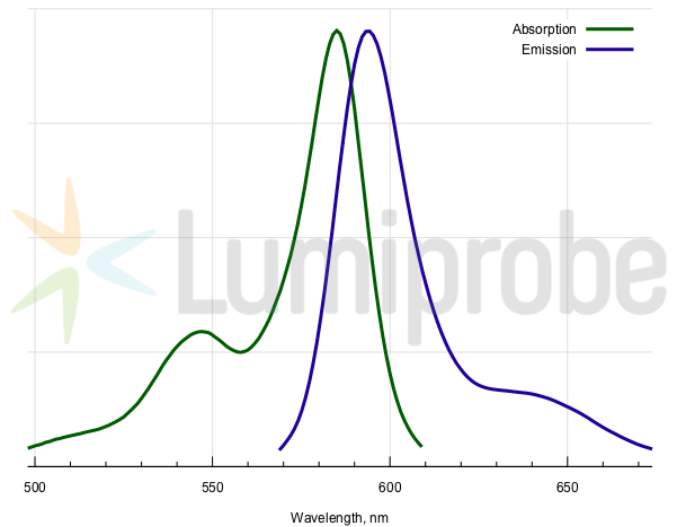
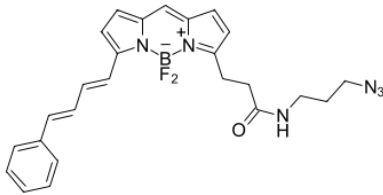
## BDP® 581/591 azide

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

BDP 581/591 is a bright and versatile fluorophore that is relatively hydrophobic. It has a high brightness, significant two photon cross-section, and relatively long fluorescence lifetime.

The dye reacts with reactive oxygen species (ROS) with the change of its fluorescence. It can be therefore used for intracellular monitoring of ROS.

This is an azide derivative that can be used for the conjugation with both small molecules and biomolecules to construct tracers for fluorescence polarization assays and microscopy probes.



外观:

分子量: 474.31

分子式: C<sub>25</sub>H<sub>25</sub>N<sub>6</sub>BF<sub>2</sub>O

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

ε, 摩尔吸光系数, cm<sup>-1</sup>: 104000

发射极大值, 纳米: 594

荧光量子产率: 0.83

CF<sub>260</sub>: 0.06

CF<sub>280</sub>: 0.04