

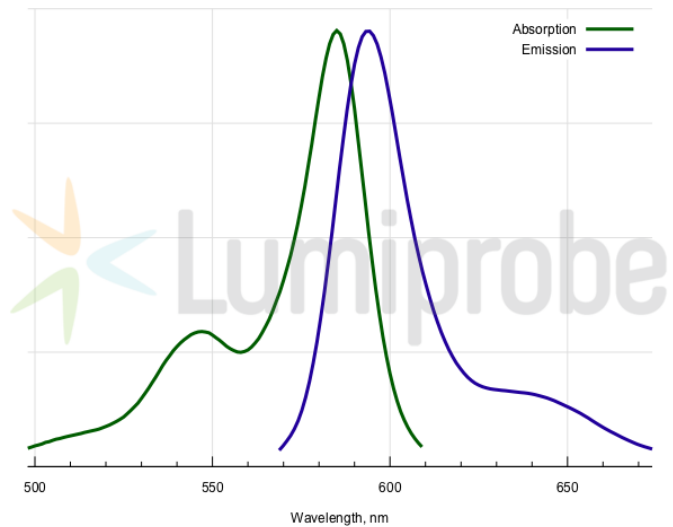
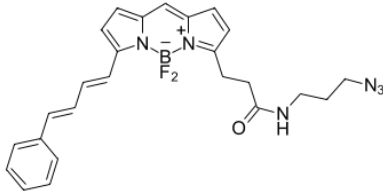
BDP® 581/591 azide

<http://cn.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 474.31

量:

分子式: $C_{25}H_{25}N_6BF_2O$

式:

溶解

度:

质量

控制:

储存

条件:

法律声明: 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断、人类或动物用途, 以及商业用途。

激发/ 585

吸收

极大

值,

纳米:

ϵ , 摩 104000

尔吸

光系

数 m^2

发射 594

极大

值,

纳米:

荧光 0.83

量子

产率:

CF_{260} : 0.06

CF_{280} : 0.04