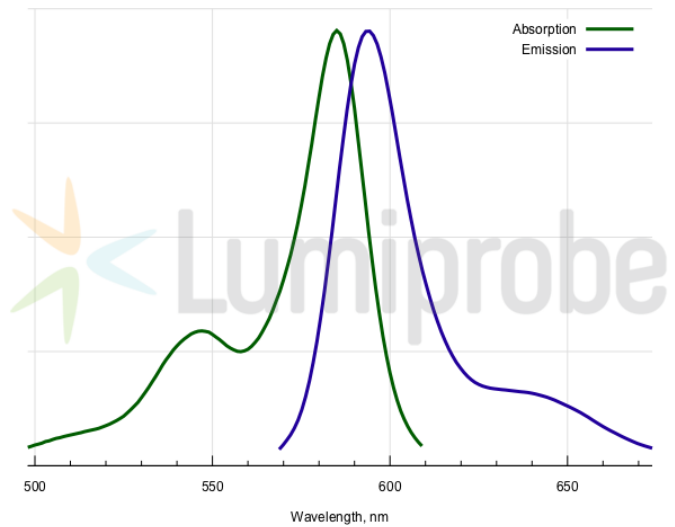
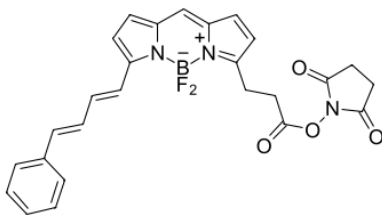


## BDP® 581/591 NHS ester

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

BDP 581/591 is a borondipyrromethene dye that has relatively long fluorescence lifetime and two photon excitation cross section. It is useful for fluorescence polarization assays. Due to the presence of a diene system, it can react with reactive oxygen species (ROS) with a change of fluorescence.

This is the NHS ester derivative for the conjugation with primary and secondary amine groups of proteins, peptides, and other molecules.



外观:

质谱 M+ 增量: 374.1

分子量: 489.28

CAS 编号: 150152-70-8

分子式:  $C_{26}H_{22}N_3BF_2O_4$

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