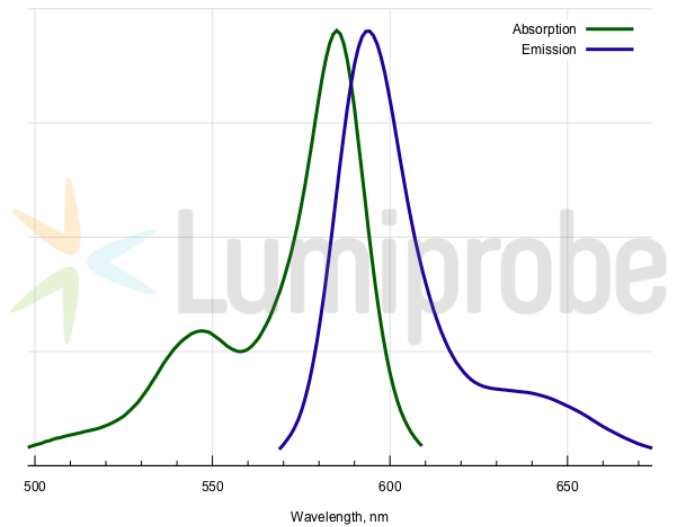
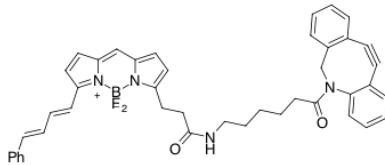


BDP® 581/591 DBCO

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

BDP 581/591 is a borondipyrromethene dye with a conjugated olefinic system. It can be used either as a regular fluorophore, or as a probe for the detection of reactive oxygen species (ROS); after oxidation, its fluorescence moves to the green part of the spectrum.

This is a version of the dye containing cyclooctyne. The DBCO (azodibenzocyclooctyne) moiety can be conjugated with azides yielding stable triazole conjugates.



外观:

质谱 M+ 增量: 692.3

分子量: 692.60

分子式: $C_{43}H_{39}N_4BF_2O_2$

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^{-1} : 104000

发射极大值, 纳米: 594

荧光量子产率: 0.83