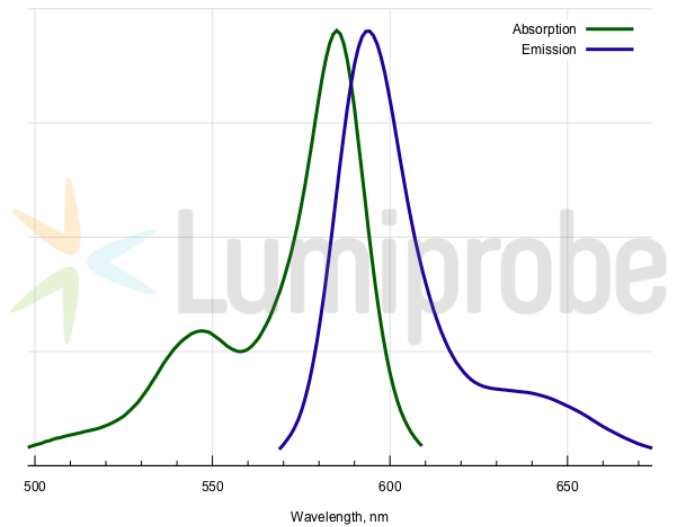
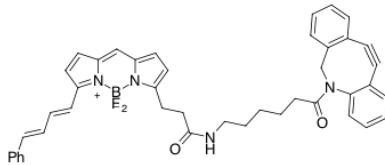


## BDP® 581/591 DBCO

<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:	深紫色固體
质谱 M+ 增量:	692.3
分子量:	692.60
分子式:	C <sub>43</sub> H <sub>39</sub> N <sub>4</sub> BF <sub>2</sub> O <sub>2</sub>
溶解度:	適合 DMF、DMSO、DCM
质量控制:	NMR <sup>1</sup> H, HPLC-MS (95%)
储存条件:	儲存: 收到後-20°C避光保存24個月。運輸: 室溫最多可保存3週。避免長時間暴露在光線下。乾燥。
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

BDP® 是 Lumiprobe 的商標