

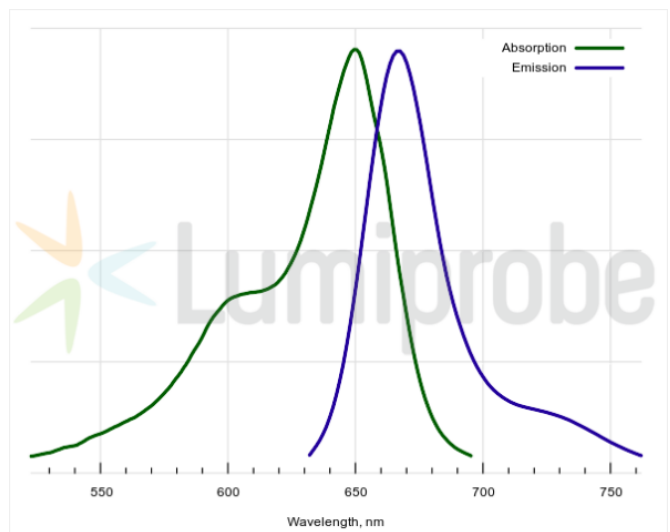
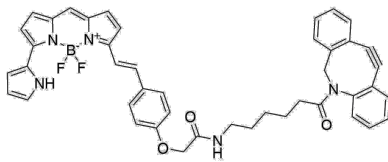
## BDP® 650/665 DBCO

<http://hk.lumiprobe.com/p/bdp-650-665-dbc>

BDP 650/665 is a bright far-red-fluorescent dye that is similar to Cy™5 by its spectral characteristics. This high quantum yield dye is relatively non-sensitive to solvent polarity and pH changes.

Due to its significant hydrophobic properties, BDP 650/665 can be used for staining membranes, lipids, and other lipophilic compounds.

DBCO, a substituting group introduced in this molecule, is a dibenzocyclooctyne that is commonly used in copper-free click chemistry reactions. BDP 650/665 DBCO can react with various functionalized azides (rapidly and without specialized Cu(I) catalysts) resulting in stable dye-biomolecule conjugates.



外观:

分子量: 733.61

分子式:  $C_{44}H_{38}N_5BF_2O_3$

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: 649

$\epsilon$ , 摩尔吸光系数,  $cm^{-1}$ : 94000

发射极大值, 纳米: 667

荧光量子产率: 0.52