

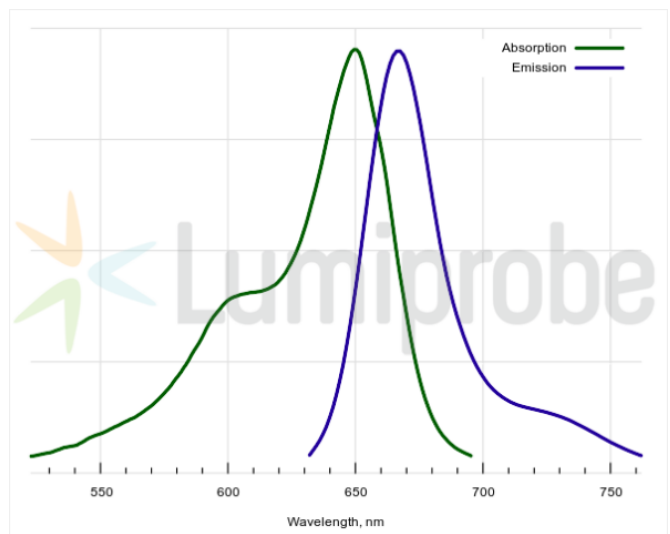
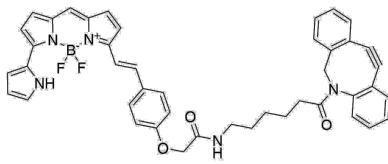
## BDP® 650/665 DBCO

<http://cn.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 733.61

量:

分子  $C_{44}H_{38}N_2BF_2O_3$

式:

溶解

度:

质量

控制:

储存

条件:

法律 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/ 649

吸收

极大

值,

纳米:

$\epsilon$ , 摩

尔吸

光系

数 **art**

发射 667

极大

值,

纳米:

荧光 0.52

量子

产率: