

Lumiprobe Corporation

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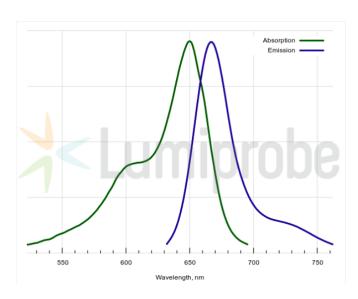
BDP® 650/665 DBCO

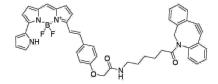
http://hk.lumiprobe.com/p/bdp-650-665-dbco

BDP 650/665 is a bright far-red-fluorescent dye that is similar to $Cy^{m}5$ 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: C₄₄H₃₈N₅BF₂O₃

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 ε,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