Lumiprobe Corporation
115 Airport Dr Suite 160
Westminster, Maryland 21157
美國
手機：+1 888 973 6353
傳真：+1 888 973 6354
電子郵件：order@lumiprobe.com

BDP® 558/568 DBCO

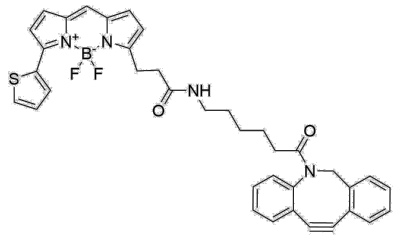
http://hk.lumiprobe.com/p/bdp-558-568-dbco

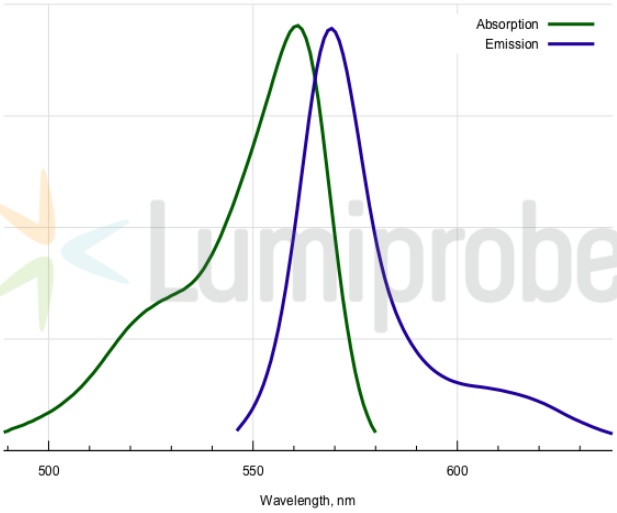
BDP 558/568 fluorescence maximum is in the yellow spectrum range (569 nm). This dye is an analog of such fluorophore as Cy3™ by its spectral characteristics. It is soluble in polar organic solvents and has good photostability and high quantum yield.

BDP 558/568 has hydrophobic properties and can be used for staining lipids, membranes, and other lipophilic compounds.

Introduced in the BDP 558/568 molecule, the cyclooctyne functional group allows entering into reactions of 1,3-dipolar cycloaddition with various substituted azides. Such reactions are promoted by ring strain and do not require copper catalysis. Thus, this method can be used for investigating various processes in living cells.

BDP 558/568 DBCO can be used for the detection of target molecules, proteins, or nucleic acids that contain azide groups by microscopy and flow cytometry.





外观:	
分子量:	646.56
分子式:	$C_{37}H_{33}N_4BF_2O_2S$
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:	561
ε, 摩尔吸光系数，cm^{-1}:	84400
发射极大值，纳米:	569
荧光量子产率:	0.68