

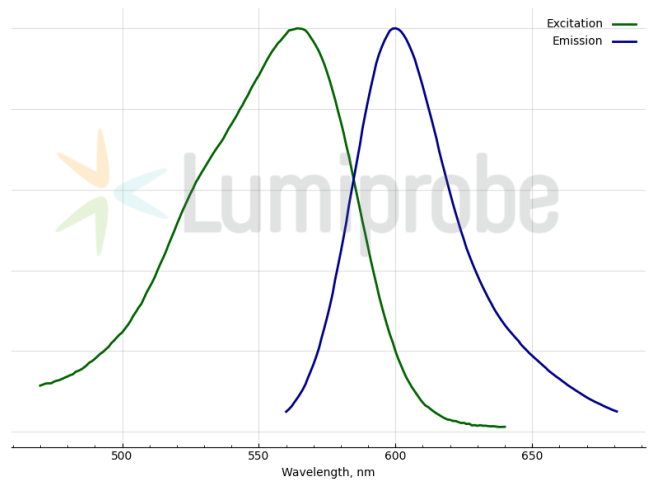
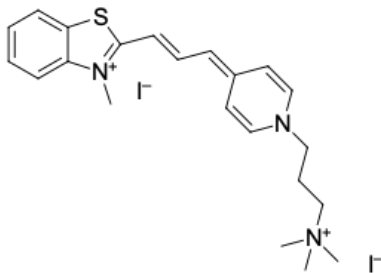
BO-TAP-3, orange fluorescent nucleic acid stain

<http://hk.lumiprobe.com/p/bo-pro-3-nucleic-acid-stain>

BO-TAP-3 (also known as BO-PRO[®]-3) is a orange fluorescent carbocyanine monomeric dye. BO-TAP-3 is a cell-impermeant nucleic acid stain that is nonfluorescent in the absence of nucleic acids but exhibits a multiple fluorescence enhancement upon binding to dsDNA.

The bright fluorescence signal and low background make BO-TAP-3 ideal for staining nucleic acids on microarrays, as well as for nuclear and chromosome counterstaining in multicolor fluorescence labeling experiments.

The dye is used to image cell nuclei and cytoplasm, label bacteria and sperms, perform nucleic acid detection and amplification, and as a temperature sensor.



外观: 紫色溶液

分子量: 621.37

CAS 编 号: 173357-16-9

分子式: C₂₂H₂₉I₂N₃S

IUPAC 名称: 3-methyl-2-((e)-3-[1-[3-(trimethylammonio)propyl]-4(1h)-pyridinylidene]-1-propenyl)-1,3-benzothiazol-3-ium diiodide

质量控制: NMR ¹H 和 HPLC-MS (95+%)

储存条件: 收到後 -20°C 避光保存 24 個月。運輸: 室溫最多可保存3週。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: 564 (complex)

发射极大值, 纳米: 600 (complex)

BO-PRO[®] 是 Molecular Probes 的商標。