

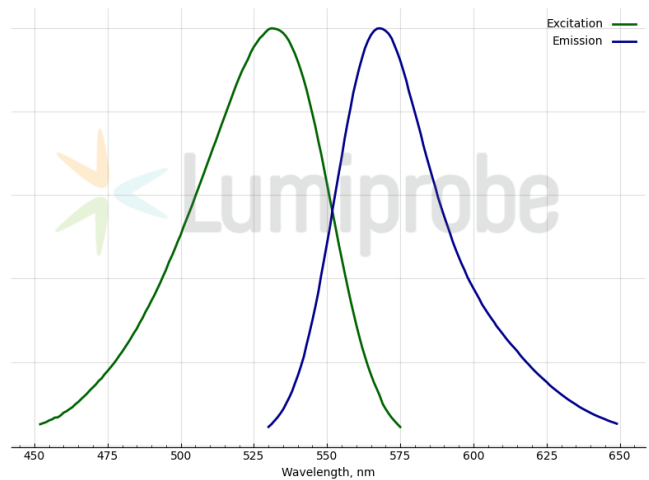
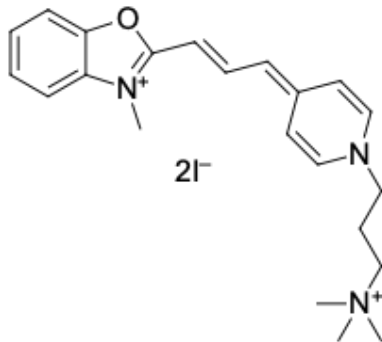
PO-TAP-3, yellow fluorescent nucleic acid stain

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

PO-TAP-3 (Oxazole Orange Monomer, also known as PO-PRO[®]-3) is a yellow fluorescent carbocyanine monomeric dye. PO-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 PO-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, count reticulocytes, perform nucleic acid amplification and hybridization, and as a temperature sensor.



- 外观: 紅色溶液
- 分子量: 605.30
- CAS 编号: 161016-55-3
- 分子式: C₂₂H₂₉I₂N₃O
- IUPAC 名称: Benzoxazolium, 3-methyl-2-[3-[1-[3-(trimethylammonio)-propyl]-4(1H)-pyridinylidene]-1-propenyl]-, diiodide
- 溶解度: 二甲基亞砜
- 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 531 (complex)
大值, 纳米:

发射极大值, 568 (complex)
纳米:

PO-PRO[®] 是 Molecular Probes 的商標。