

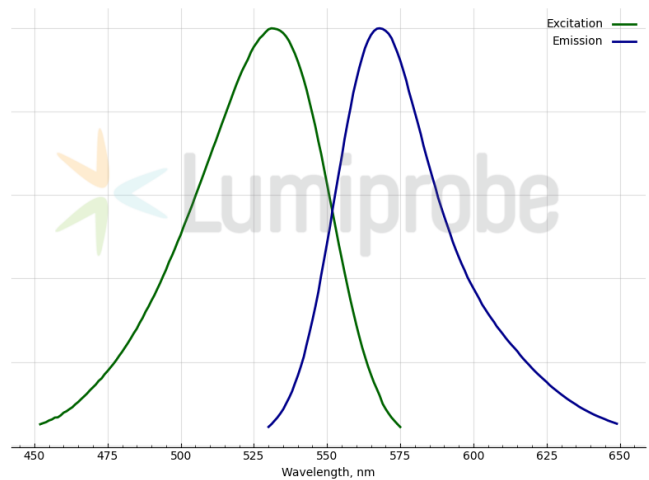
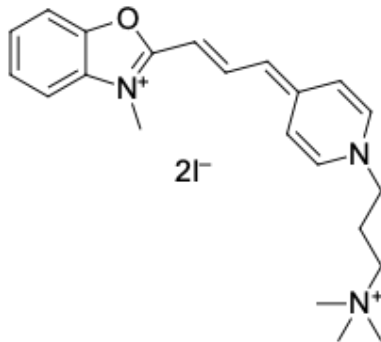
## PO-TAP-3, yellow fluorescent nucleic acid stain

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

PO-TAP-3 (Oxazole Orange Monomer, also known as PO-PRO<sup>®</sup>-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: 红色溶液

分子量: 605.30

编号:

CAS 161016-55-3

分子式:

$C_{22}H_{29}I_2N_3O$

IUPAC Benzoxazolium, 3-methyl-2-[3-[1-[3-(trimethylammonio)propyl]-4(1H)-pyridinylidene]-1-propenyl]-, diiodide

溶解度:

二甲亚砜

质量:

NMR <sup>1</sup>H 和 HPLC-MS (95+%)

控制:

收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

条件:

法律声明: 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/ 531 (complex)

吸收

极大

值:

纳米:

发射 568 (complex)

极大

值:

纳米:

PO-PRO<sup>®</sup> 是 Molecular Probes 的商标。