

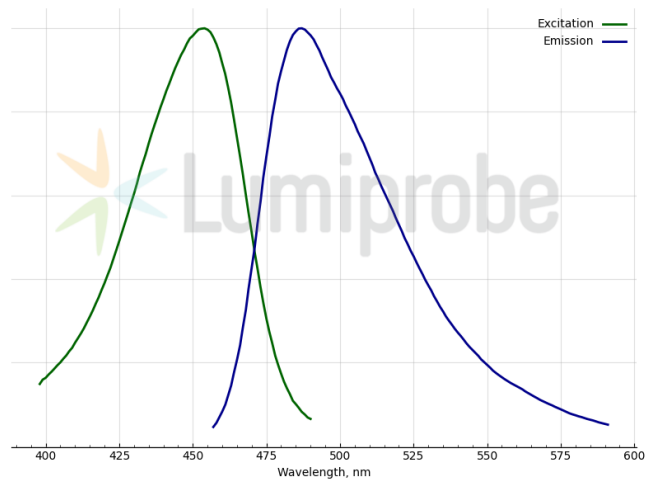
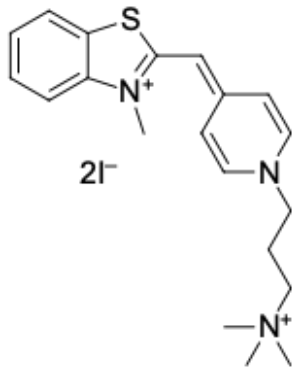
## BO-TAP-1, cyan fluorescent nucleic acid stain

<http://cn.lumiprobe.com/p/bo-pro-1-nucleic-acid-stain>

BO-TAP-1 (also known as BO-PRO<sup>®</sup>-1) is a cyan fluorescent carbocyanine monomeric dye. BO-TAP-1 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-1 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 detect and count cells (megakaryocyte, erythroblasts, sperms, microorganisms, etc.) and bacteria, perform nucleic acid detection, sequencing, and amplification and as a temperature sensor.



外观: 黄色溶液

分子量: 595.33

量:

CAS 157199-57-0

编号:

分子式: C<sub>20</sub>H<sub>27</sub>I<sub>2</sub>N<sub>3</sub>S

式:

IUPAC trimethyl-[3-[4-[(Z)-(3-methyl-1,3-benzothiazol-2-ylidene)methyl]pyridin-1-ium-1-yl]propyl]azanium;diiodide

名称:

质量控制: NMR <sup>1</sup>H 和 HPLC-MS (95+%)

控制:

储存条件: 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/ 454 (complex)

吸收

极大

值,

纳米:

发射 487 (complex)

极大

值,

纳米:

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