

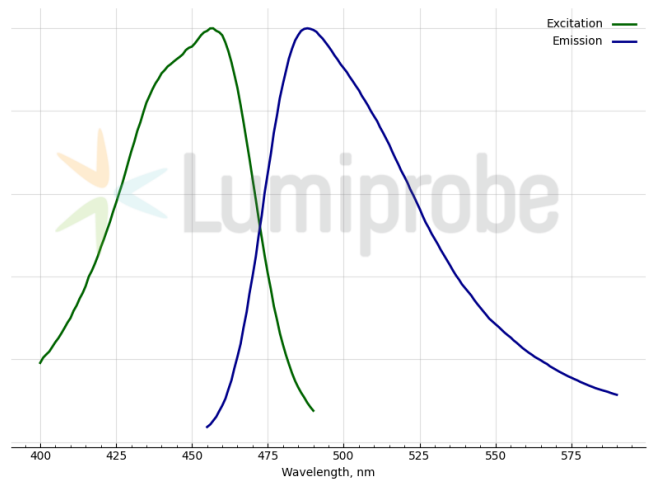
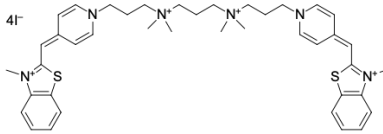
BODi-1, cyan fluorescent nucleic acid stain

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

BODi-1 (also known as BOBO[®]-1) is a cyan fluorescent carbocyanine dimeric dye. BODi-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 BODi-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.), perform nucleic acid detection, characterizing DNA/lipid complexes (lipoplexes), and as a temperature sensor.



外观: 橙色溶液

分子 1202.67

量:

CAS 169454-13-1

编号:

分子 C₄₄H₅₂I₄N₆S₂

式:

IUPAC 2-[[[1-(3-[[3-(dimethyl(3-[[3-(3-methyl-1,3-benzothiazol-3-ium-2-yl)methylene]-1(4h)-pyridinyl]propyl)ammonio]propyl)](dimethyl)ammonio]propyl)-4(1h)-pyridinylidene)methyl]-3-methyl-1,3-benzothiazol-3-ium
名称: tetraiodide

质量 NMR ¹H 和 HPLC-MS (95+%)

控制:

储存 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 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。
声明:

激发/ 457 (complex)

吸收

极大

值,

纳米:

发射 488 (complex)

极大

值,

纳米:

BOBO[®] 是 Invitrogen 的商标。