

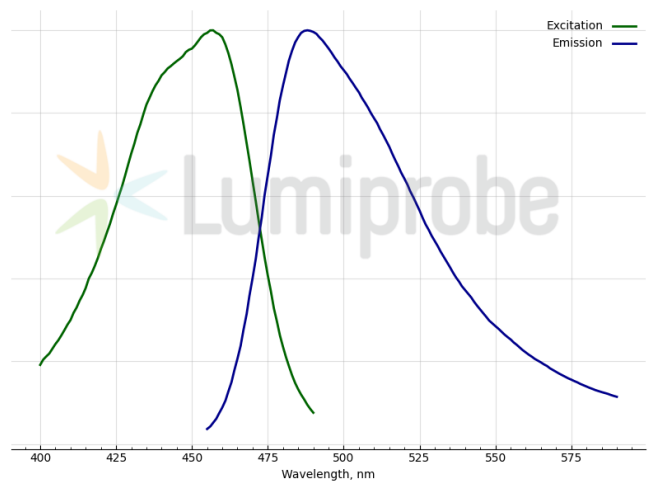
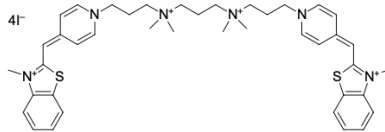
## BODi-1, cyan fluorescent nucleic acid stain

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

BODi-1 (also known as BOBO<sup>®</sup>-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 C<sub>44</sub>H<sub>50</sub>I<sub>4</sub>N<sub>6</sub>S<sub>2</sub>

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 <sup>1</sup>H 和 HPLC-MS (95+%)

控制:

储存 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。

条件:

法律 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。  
声明:

激发/ 457 (complex)

吸收

极大

值,

纳米:

发射 488 (complex)

极大

值,

纳米:

BOBO<sup>®</sup> 是 Invitrogen 的商標。