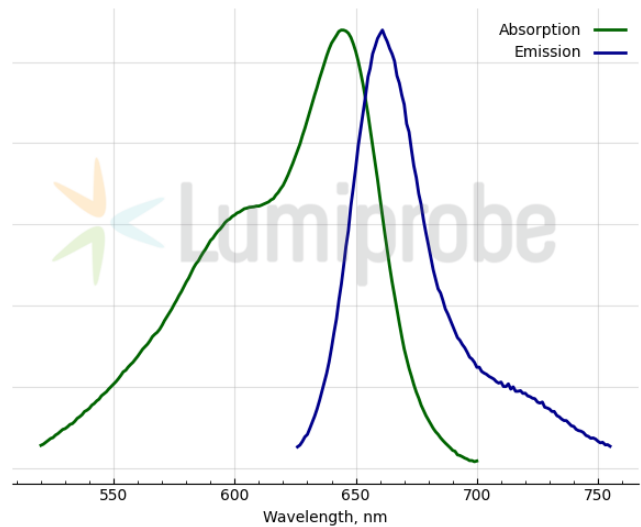
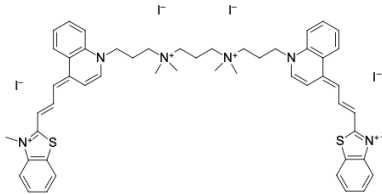


## TODi-3, far-red fluorescent nucleic acid stain

<http://cn.lumiprobe.com/p/todi-3-nucleic-acid-stain-toto-3>

TODi-3 (Thiazole Red Homodimer, also known as TOTO<sup>®</sup>-3) is a far-red fluorescent carbocyanine dimeric dye. TODi-3 is a cell-impermeant nucleic acid stain that is nonfluorescent in the absence of nucleic acids but exhibits a significant fluorescence enhancement upon binding to dsDNA.

The bright fluorescence signal and low background make TODi-3 ideal for staining nucleic acids on microarrays, as well as for nuclear and chromosome counterstaining in multicolor fluorescence labeling experiments. TODi-3 is non-cytotoxic and may be used for long-term monitoring of cell viability and dead cell detection in culture. The long-wavelength fluorescence of TODi-3 is well separated from green and red fluorophores, which makes it ideal for multicolor fluorescence labeling experiments.



外观: 蓝色液体

分子 1354.87

量:

CAS 166196-17-4

编号:

分子 C<sub>53</sub>H<sub>62</sub>I<sub>4</sub>N<sub>6</sub>S<sub>2</sub>

式:

IUPAC Quinolinium, 1,1'-[1,3-propanediylbis(dimethyliminio)-3,1-propanediyl]bis[4-[3-(3-methyl-2(3H)-benzothiazolylidene)-1-propenyl]-, tetraiodide

名称:

质量 NMR <sup>1</sup>H 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。

激发/ 644

吸收

极大

值,

纳米:

发射 662

极大

值,

纳米:

TOTO<sup>®</sup> 是 Invitrogen 的商标。