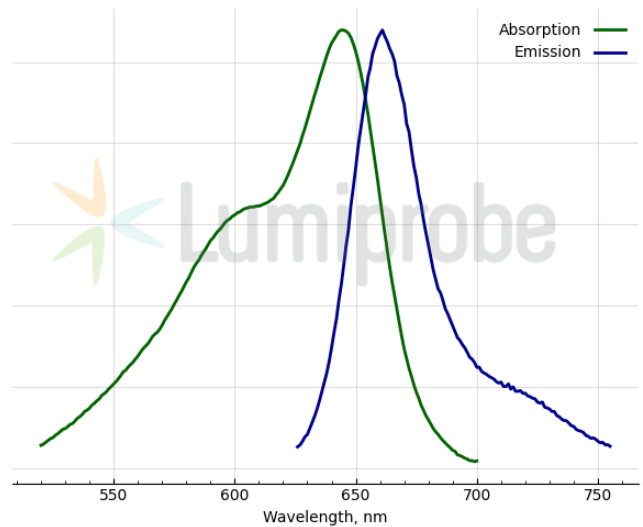
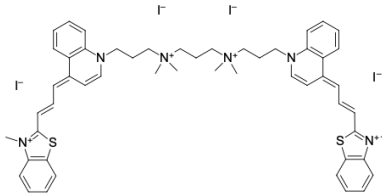


## TODi-3, far-red fluorescent nucleic acid stain

<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 TO-TAP-3 is well separated from green and red fluorophores, which makes it ideal for multicolor fluorescence labeling experiments.



外观: 蓝色液体

分子量: 1354.87

CAS 编号: 166196-17-4

分子式:  $C_{53}H_{62}I_4N_6S_2$

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

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

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。

法律声明:

激发/ 644

吸收极大值, 纳米:

发射 662  
极大  
值，  
纳米：

TOTO® 是 Invitrogen 的商标。