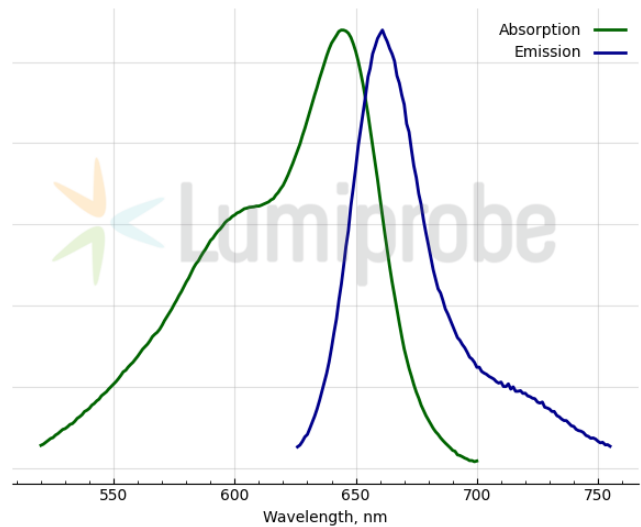
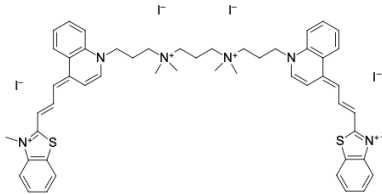


TODi-3, far-red fluorescent nucleic acid stain

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

TODi-3 (Thiazole Red Homodimer, also known as TOTO[®]-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: 藍色液體

分子 1354.87
量:

CAS 166196-17-4
编号:

分子 $C_{33}H_{62}I_4N_6S_2$
式:

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

质量 NMR ¹H 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
声明:

激发/ 644

吸收
极大
值,
纳米:

发射 662
极大
值，
纳米：

TOTO® 是 Invitrogen 的商標。