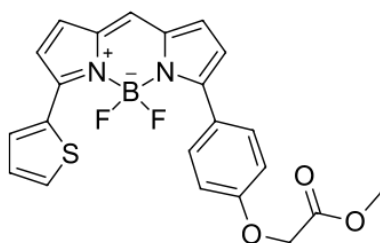


## BDP® TR methyl ester

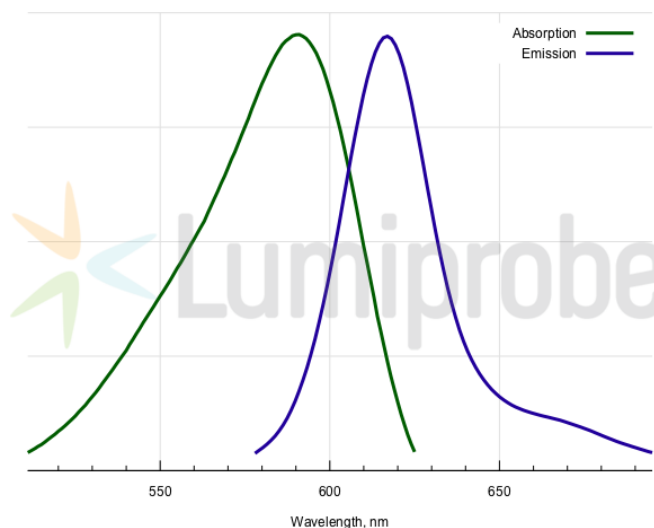
<http://www.lumiprobe.com/p/bdp-tr-methyl-ester>

5 mM solution of BDP TR methyl ester in DMSO, a counterstain for cells expressing green fluorescent protein (GFP).

This is a cell-permeable dye that stains mitochondria and endomembranous organelles, but not plasma membrane. The dye is compatible with formaldehyde fixation.



**Structure of BDP TR methyl ester**



**Absorption and emission spectra of BDP TR**

### General properties

Appearance:	dark-blue solution
Molecular weight:	438.26
Molecular formula:	$C_{22}H_{17}BF_2N_2O_3S$
Quality control:	NMR $^1H$ , HPLC-MS (95%)
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

### Spectral properties

Excitation/absorption maximum, nm:	589
$\epsilon$ , $L \cdot mol^{-1} \cdot cm^{-1}$ :	69000
Emission maximum, nm:	616
Fluorescence quantum yield:	0.9

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