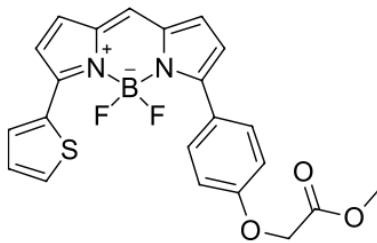


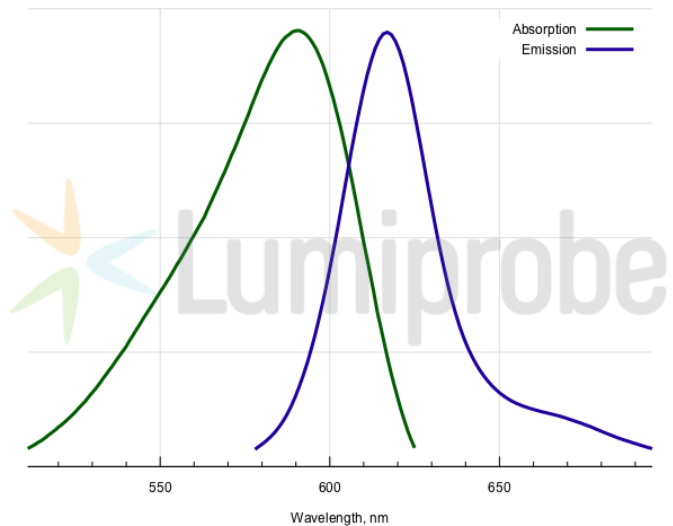
BDP TR methyl ester, 5 mM in DMSO

A solution of BDP TR methyl ester, 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 BODIPY TR methyl ester



Absorption and emission spectra of BDP TR

General properties

Appearance:	blue solution
Molecular weight:	438.26
Molecular formula:	C ₂₂ H ₁₇ BF ₂ N ₂ O ₃ S
Quality control:	NMR ¹ H, HPLC-MS (95%)
TN VED Code:	3204190000

Spectral properties

Excitation maximum, nm:	589
ε, L·mol ⁻¹ ·cm ⁻¹ :	69000
Emission maximum, nm:	616
Fluorescence quantum yield:	0.9