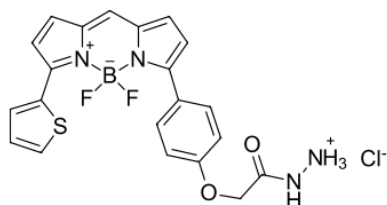


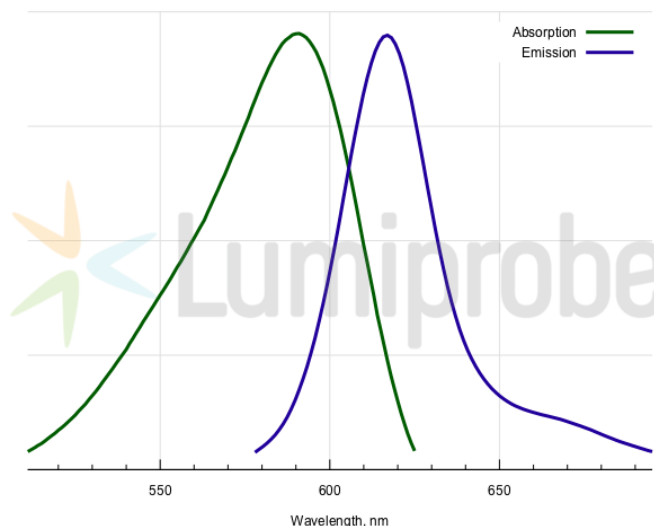
## BDP® TR hydrazide

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

BDP TR is a borondipyrromethene dye for ROX channel. This compound is a hydrazide reactive derivative that can be used for the labeling of aldehydes and ketones with BDP TR.



**Structure of BDP TR hydrazide**



**Absorption and emission spectra of BDP TR**

### General properties

Appearance:	violet powder
Mass spec M+ increment:	419.1
Molecular weight:	474.72
Molecular formula:	C <sub>21</sub> H <sub>18</sub> N <sub>4</sub> BClF <sub>2</sub> O <sub>2</sub> S
Solubility:	good in DMF, DMSO, moderate in water
Quality control:	NMR <sup>1</sup> H, HPLC-MS (95%)
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
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
ε, L·mol <sup>-1</sup> ·cm <sup>-1</sup> :	69000
Emission maximum, nm:	616
Fluorescence quantum yield:	0.9
CF <sub>260</sub> :	0.15
CF <sub>280</sub> :	0.19

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