

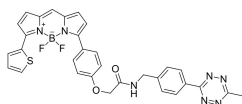
## BDP TR tetrazine (A270121)

### Specifications:

Name:	BDP TR tetrazine
Description:	BDP TR dye tetrazine derivative for TCO ligation reaction of cycloalkenes with tetrazines. BDP TR is a multi-purpose borondipyrromethene dye for ROX/Texas Red channel, possessing excellent brightness.
Absorption Maxima:	589 nm
Extinction Coefficient:	60000 M <sup>-1</sup> cm <sup>-1</sup>
Emission Maxima:	616 nm
Fluorescence Quantum Yield:	0.9
CF <sub>260</sub> :	0.15
CF <sub>280</sub> :	0.19
Mass Spec M <sup>+</sup> Shift after Conjugation:	577.2
Purity:	95% (by <sup>1</sup> H NMR and HPLC-MS).
Molecular Formula:	C <sub>31</sub> H <sub>24</sub> N <sub>7</sub> BF <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	607.44 kDa
Product Form:	Violet crystals.
Solubility:	Good in DMF, DMSO, and DCM.
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light. Desiccate.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

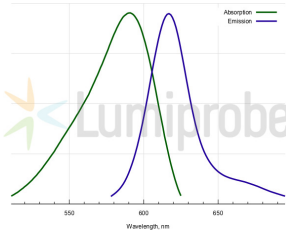
### Images:

Structure of BDP TR tetrazine.



## BDP TR tetrazine (A270121)

Images continued:



Absorption and emission spectra of BDP TR.