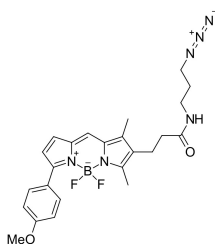


## BDP TMR azide (A270109)

### Specifications:

Name:	BDP TMR azide
Description:	BDP TMR is a borondipyrromethene fluorophore (analog of BODIPY® TMR) with excitation and emission wavelengths matching TAMRA dye channels. The dye has a long fluorescence lifetime. This derivative is an azide for Click chemistry labeling.
Absorption Maxima:	545 nm
Emission Maxima:	570 nm
Fluorescence Quantum Yield:	0.95
CAS Number:	2183473-25-6, 2373346-19-9
CF <sub>260</sub> :	0.16
CF <sub>280</sub> :	0.16
Mass Spec M+ Shift after Conjugation:	480.2
Purity:	95% (by 1H NMR and HPLC-MS).
Molecular Formula:	C <sub>24</sub> H <sub>27</sub> BF <sub>2</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	480.32 kDa
Product Form:	Orange to brown solid.
Solubility:	Good in most organic solvents.
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.

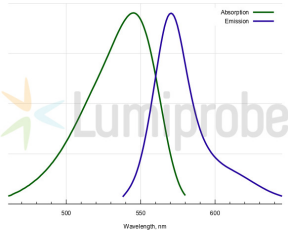
### Images:



Structure of BDP TMR azide.

## BDP TMR azide (A270109)

Images continued:



Absorption and emission spectra of BODIPY TMR.