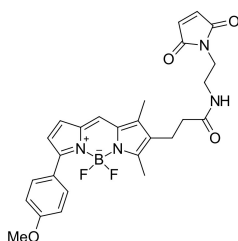


BDP TMR maleimide (A270111)

Specifications:

Name:	BDP TMR maleimide
Description:	BDP TMR is a bright borondipyrromethene fluorophore for the TAMRA channel. This maleimide derivative is suitable for conjugation with thiol groups as e.g. in protein side chains.
Absorption Maxima:	545 nm
Emission Maxima:	570 nm
Fluorescence Quantum Yield:	0.95
CAS Number:	2183473-34-7
CF ₂₆₀ :	0.16
CF ₂₈₀ :	0.16
Mass Spec M+ Shift after Conjugation:	520.2
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₂₇ H ₂₇ BF ₂ N ₄ O ₄
Molecular Weight:	520.34 kDa
Product Form:	Purple powder.
Solubility:	Good in DCM, DMF, and DMSO.
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.

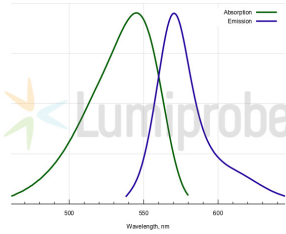
Images:



Structure of BODIPY TMR maleimide.

BDP TMR maleimide (A270111)

Images continued:



Absorption and emission spectra of BDP TMR.