

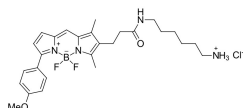
BDP TMR amine (A270108)

Specifications:

Name:	BDP TMR amine
Description:	BDP TMR is a dye for TAMRA channel. Unlike original TAMRA, it possesses very good quantum yield, and therefore high brightness. This derivative contains a primary amine group that can be conjugated with various electrophiles. It can also participate in enzymatic transamination reaction.
Absorption Maxima:	545 nm
Emission Maxima:	570 nm
Fluorescence Quantum Yield:	0.95
CAS Number:	2183473-08-5
CF ₂₆₀ :	0.16
CF ₂₈₀ :	0.16
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₂₇ H ₃₆ BClF ₂ N ₄ O ₂
Molecular Weight:	532.86 kDa
Product Form:	Violet solid.
Solubility:	Good in alcohols, 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.

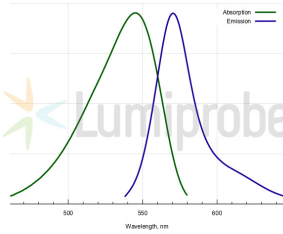
Images:

BODIPY TMR amine structure.



BDP TMR amine (A270108)

Images continued:



Absorption and emission spectra of BODIPY TMR.