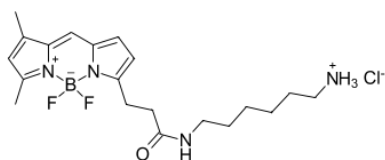


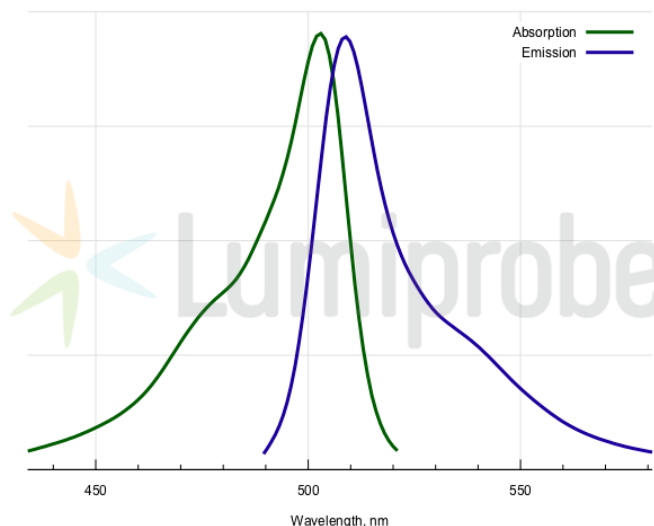
## BDP FL amine

<http://www.lumiprobe.com/p/bodipy-fl-amine>

Amino derivative of BDP FL dye, a borondipyrromethene dye for FAM channel. This reagent possesses good aqueous solubility.



**BODIPY FL amine structure**



**BODIPY FL absorption and emission spectra**

### General properties

Appearance:	orange solid
Molecular weight:	426.74
CAS number:	2183473-03-0
Molecular formula:	C <sub>20</sub> H <sub>30</sub> BClF <sub>2</sub> N <sub>4</sub> O
Solubility:	good in DMSO, DMF, methanol, water, limited solubility in acetonitrile, insoluble in DCM
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.

### Spectral properties

Excitation/absorption maximum, nm:	503
ε, L·mol <sup>-1</sup> ·cm <sup>-1</sup> :	92000
Emission maximum, nm:	509
Fluorescence quantum yield:	0.97
CF <sub>260</sub> :	0.015
CF <sub>280</sub> :	0.027

BDP® is a trademark of Lumiprobe