

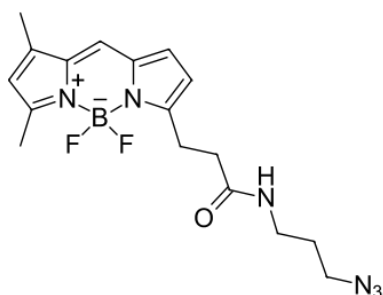
## BDP FL azide

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

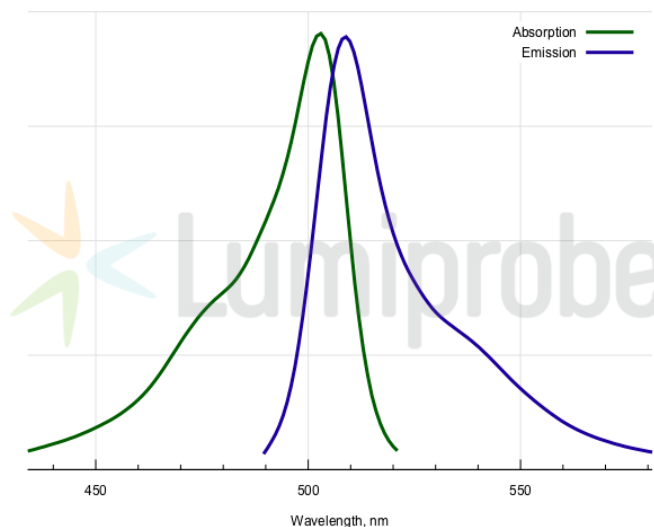
BDP FL azide is a click chemistry capable of bright and photostable dye for the FAM channel.

This green-emitting fluorophore is compatible with all types of fluorescence measuring instruments for FAM (fluorescein).

The fluorophore is a representative of the borondipyrromethene class of fluorescent dyes, which possess high quantum yields in aqueous environments and high stability towards photobleaching.



**Structure of BODIPY FL azide**



**Absorption and emission spectra of BDP FL**

### General properties

Appearance:	orange solid
Molecular weight:	374.20
CAS number:	1379771-95-5, 2243566-18-7
Molecular formula:	C <sub>17</sub> H <sub>21</sub> BF <sub>2</sub> N <sub>6</sub> O
Solubility:	soluble in organic solvents (alcohols, DMF, DMSO)
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.

### 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

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