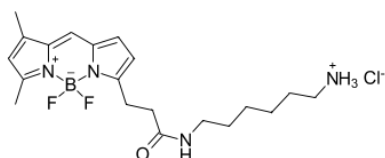


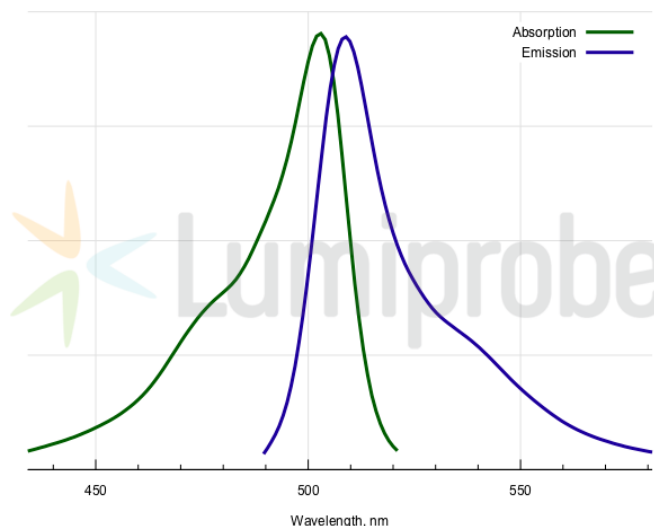
BDP® FL amine

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

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



BODIPY FL amine structure



BDP FL absorption and emission spectra

General properties

Appearance:	orange solid
Molecular weight:	426.74
CAS number:	2183473-03-0
Molecular formula:	C ₂₀ H ₃₀ BClF ₂ N ₄ O
Solubility:	good in DMSO, DMF, methanol, water, limited solubility in acetonitrile, insoluble in DCM
Quality control:	NMR ¹ 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.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

Spectral properties

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

BDP® is a trademark of Lumiprobe