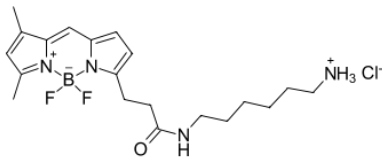
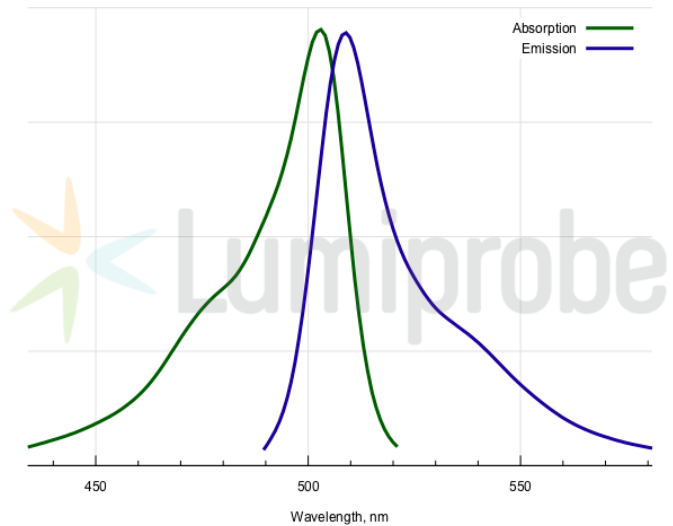


BDP FL amine

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



BODIPY FL amine structure



BODIPY 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.
TN VED Code:	3204190000

Spectral properties

Excitation maximum, nm:	503
ε, L·mol ⁻¹ ·cm ⁻¹ :	80000
Emission maximum, nm:	509
Fluorescence quantum yield:	0.97
CF ₂₆₀ :	0.015
CF ₂₈₀ :	0.027