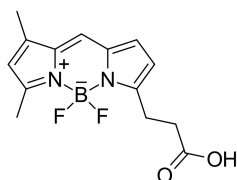


## BDP FL carboxylic acid (A270092)

### Specifications:

Name:	BDP FL carboxylic acid
Description:	Borondipyrromethene (BODIPY) dyes are bright and photostable fluorophores. BDP FL is a dye for the fluorescein (FAM) channel. This is a free unactivated carboxylic acid derivative of BDP FL. This reagent is useful as a non-reactive control, for reference, and calibration. It can also be used for the conjugation after the activation with carbodiimides.
Absorption Maxima:	503 nm
Extinction Coefficient:	92000 M <sup>-1</sup> cm <sup>-1</sup>
Emission Maxima:	509 nm
Fluorescence Quantum Yield:	0.97
CAS Number:	165599-63-3
CF <sub>260</sub> :	0.015
CF <sub>280</sub> :	0.027
Purity:	95% (by <sup>1</sup> H NMR and HPLC-MS).
Molecular Formula:	C <sub>14</sub> H <sub>15</sub> N <sub>2</sub> BO <sub>2</sub> F <sub>2</sub>
Molecular Weight:	292.09 kDa
Product Form:	Orange crystals.
Solubility:	Good in DMF, DMSO, and alcohols.
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.

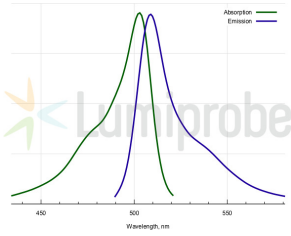
### Images:



Structure of BODIPY FL carboxylic acid.

## BDP FL carboxylic acid (A270092)

Images continued:



Absorption and emission spectra of BDP FL.