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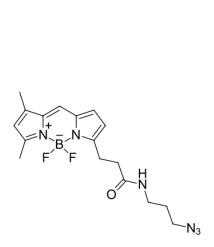
BDP® FL azide

http://www.lumiprobe.com/p/bdp-fl-azide

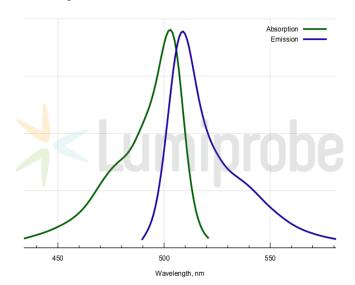
BDP FL azide is a click chemistry capable of bright and photostable dye for the FAM channel.

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

 $\label{eq:control_17} \text{Molecular formula:} \qquad \qquad \text{C_{17}H$}_{21}\text{BF}_2\text{N}_6\text{O}$

Solubility: soluble in organic solvents (alcohols, DMF, DMSO)

Quality control: NMR ¹H, HPLC-MS (95%)

Storage conditions: Storage: 24 months after receival at -20°C in the dark. Transportation: at room

temperature for up to 3 weeks. Avoid prolonged exposure to light.

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