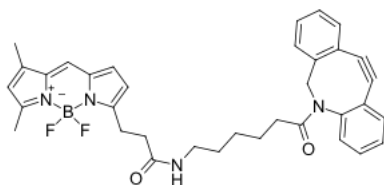


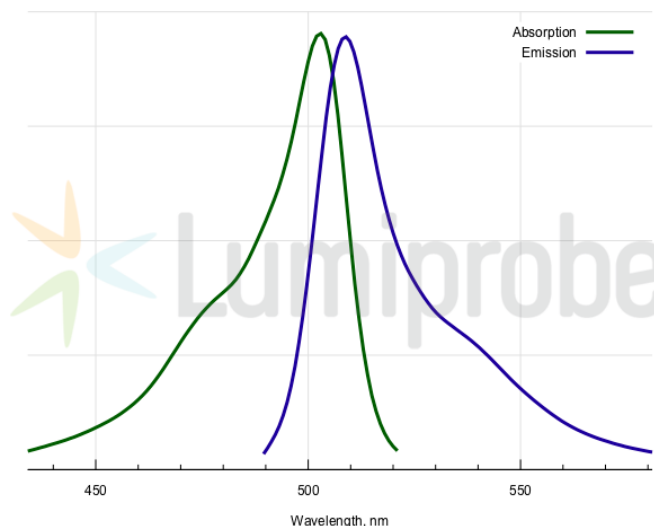
BDP® FL DBCO

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

BDP FL is a photostable borondipyrromethene for the FAM (fluorescein) channel. The dye is compatible with filter sets for fluorescein. This reagent is a DBCO (azadibenzocyclooctyne) derivative for copper-free click chemistry reaction with azides.



Structure of BDP FL DBCO



Absorption and emission spectra of BDP FL

General properties

Appearance:	orange solid
Mass spec M+ increment:	592.3
Molecular weight:	592.49
CAS number:	2360493-46-3
Molecular formula:	C ₃₅ H ₃₅ N ₄ BF ₂ O ₂
Solubility:	good in DMF, DMSO, DCM
Quality control:	NMR ¹ H, HPLC-MS (95%)
Storage conditions:	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

BDP® ist eine Marke von Lumiprobe