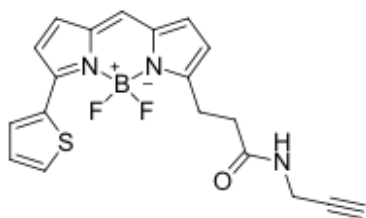
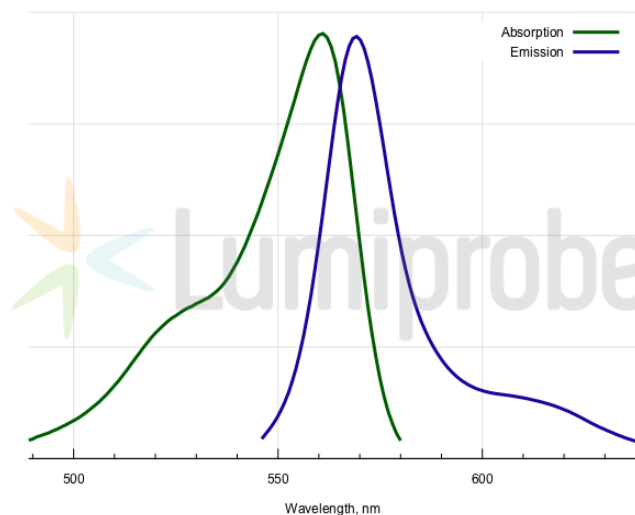


## BDP 558/568 alkyne

BDP 558/568 is a borondipyrromethene dye for Cyanine3 channel. The dye possesses high quantum yield. This derivative is a terminal alkyne for Copper-catalyzed Click chemistry.



Structure of BDP 558/568 alkyne



Absorption and emission spectra of BDP 558/568

### General properties

Appearance:	dark colored solid
Molecular weight:	383.22
Molecular formula:	C <sub>19</sub> H <sub>16</sub> N <sub>3</sub> BF <sub>2</sub> OS
Solubility:	well soluble in DCM, DMF, DMSO, acetone, low aqueous solubility
Quality control:	NMR <sup>1</sup> 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:	561
ε, L·mol <sup>-1</sup> ·cm <sup>-1</sup> :	84400
Emission maximum, nm:	569
CF <sub>260</sub> :	0.00
CF <sub>280</sub> :	0.07