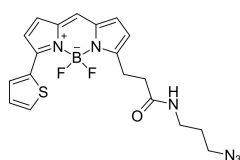


BDP 558/568 azide (A270059)

Specifications:

Name:	BDP 558/568 azide
Description:	BDP 558/568 azide is a borondipyrromethene dye with azide functional group for Click chemistry. Its spectra are close to the Cyanine 3 channel. The fluorophore has been used for lipid tracking as BDP 558/568 C12, but azide functional groups allow easy conjugation with a wide variety of other molecules of interest.
Absorption Maxima:	561 nm
Extinction Coefficient:	84400 M ⁻¹ cm ⁻¹
Emission Maxima:	569 nm
CF ₂₆₀ :	0.00
CF ₂₈₀ :	0.07
Mass Spec M ⁺ Shift after Conjugation:	428.1
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₁₉ H ₁₉ N ₆ BF ₂ OS
Molecular Weight:	428.27 kDa
Product Form:	Dark colored solid.
Solubility:	Soluble in many organic solvents (DCM, acetone, alcohols, DMF, DMSO). Low solubility in water.
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.

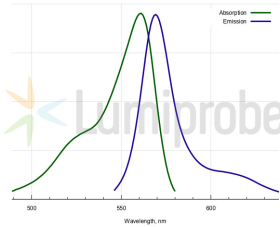
Images:



Structure of BDP 558/568 azide.

BDP 558/568 azide (A270059)

Images continued:



Absorption and emission spectra of BDP 558/568.