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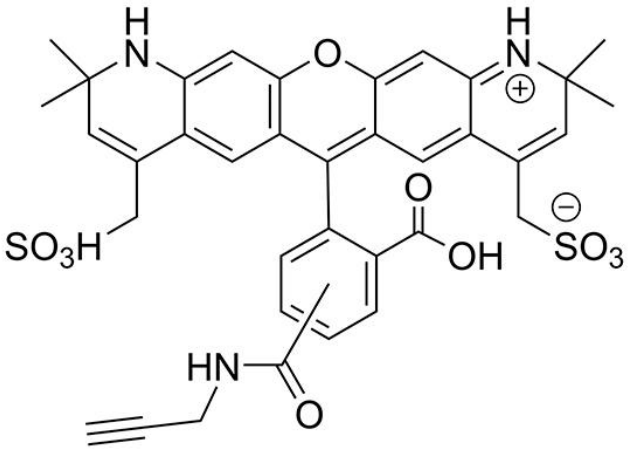
AZDYE 568 ALKYNE

SKU: CCT-1293



DESCRIPTION

AZDye™ 568 Alkyne is a bright, orange-fluorescent alkyne-activated probe routinely used for imaging of azide-containing biomolecules. AZDye™ 568 Alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker.

AZDye 568™ is a bright, and highly photostable, orange-fluorescent probe optimally excited by the 568 nm laser line on the Ar-Kr mixed-gas laser. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of this dye are best suited to direct imaging of low-abundance targets. AZDye™ 568 dye structurally is identical to Alexa Fluor® 568 Dye. Its absorption/emission spectra is a perfect match to spectra of many other fluorescent dyes based on sulfonated rhodamine core, including CF® 568 Dye and Alexa Fluor® 568.

For application where the presence of copper is not acceptable, please consider our AZDye™ 568 DBCO probes for copper-less detection of azide-modified molecules.

Alexa Fluor® is a registered trademark of Thermo Fisher Scientific.

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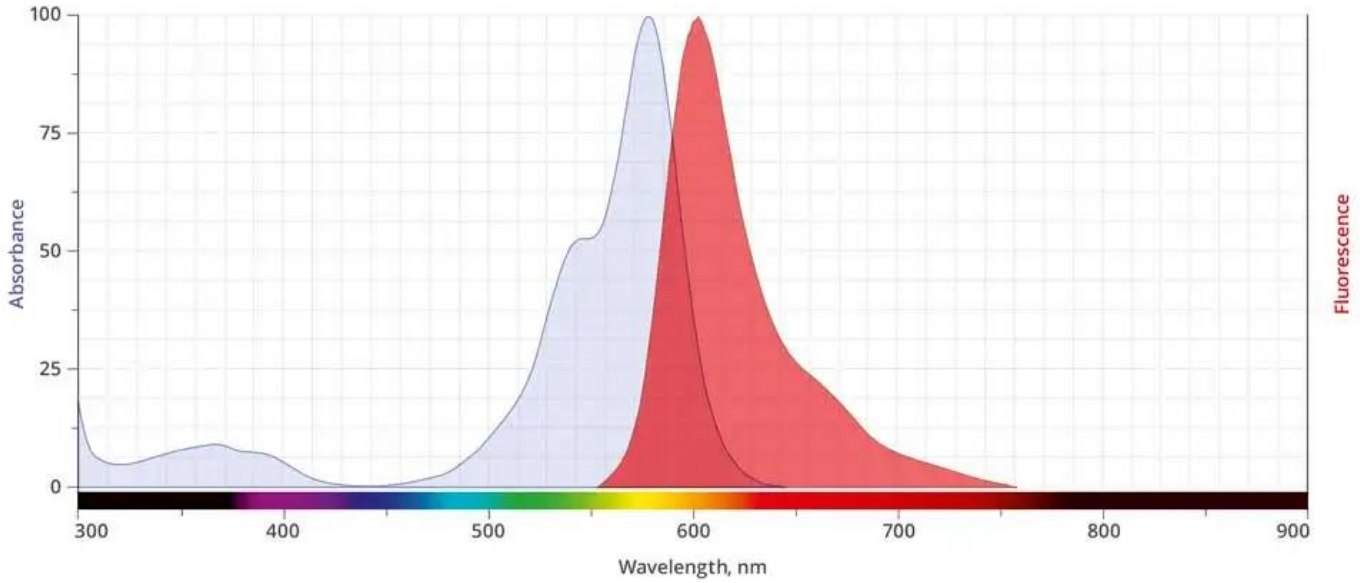
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	731.39 (protonated)
Appearance	Red solid
Extinction Coefficient	88,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 568, CF® 568
Laser Line	532 nm or 568 nm
Excitation/Emission Maximum	578/602 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



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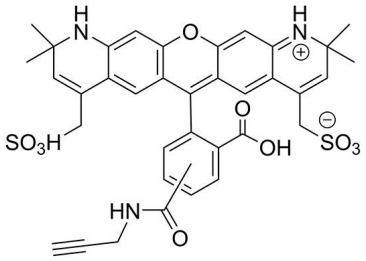
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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