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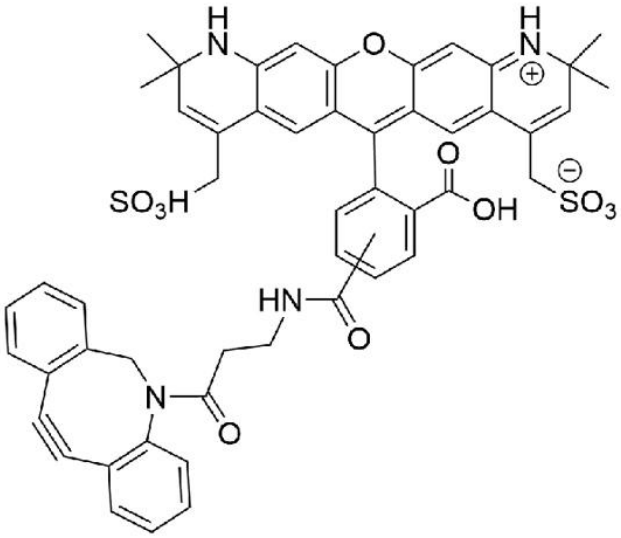
AZDYE 568 DBCO

SKU: CCT-1294



DESCRIPTION

AZDye™ 568 DBCO reacts with azides via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. Often a reagent of choice in live cell surface glycans and lipids studies where the presence of cytotoxic copper catalyst is not acceptable. In application where the presence of copper is a concern AZDye™ 568 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

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. Its absorption/emission spectra is a perfect match to spectra of many other fluorescent dyes based on sulfonated rhodamine 110 core, including CF® 568 Dye, Alexa Fluor® 568, Rhodamine Red and ATTO 565

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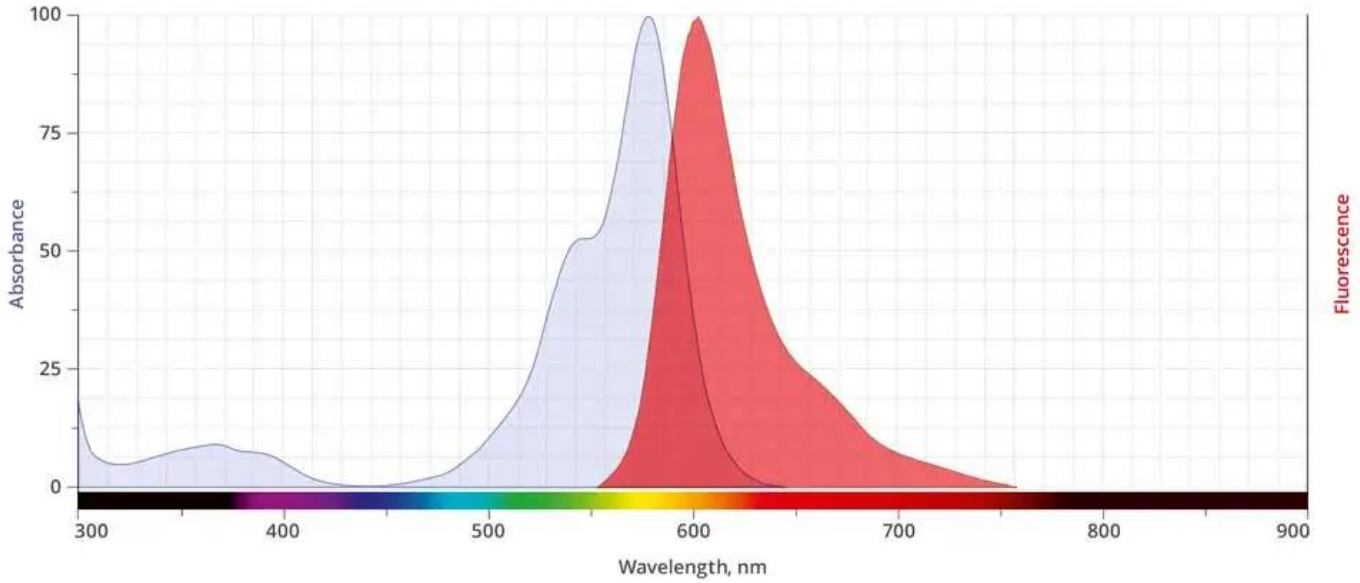
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	953.04
Appearance	Red solid
Extinction Coefficient	88,000
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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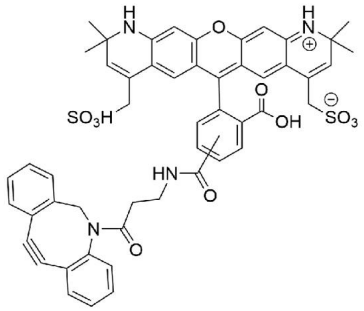
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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