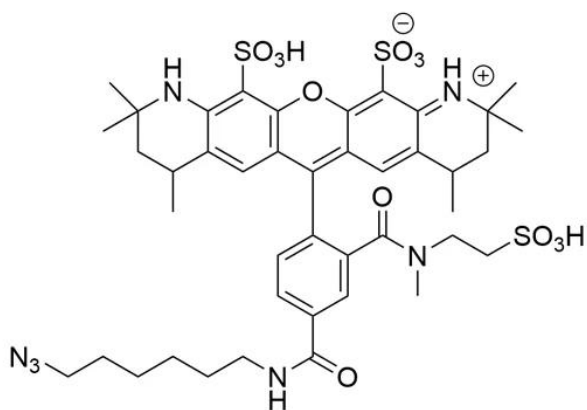




AZDYE 546 AZIDE

SKU: CCT-1283



DESCRIPTION

AZDye™ 546 Azide is a bright, orange-fluorescent dye that reacts with terminal alkynes via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker. It also reacts with strained cyclooctyne via a copper-free click chemistry reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures.

AZDye™ 546 is water-soluble, and pH-insensitive from pH 4 to pH 10 orange-fluorescent dye with absorption and emission maxima at 554 and 570 nm, respectively. It can be used with the 488 nm and 532 nm laser lines. AZDye™ 546 dye conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates often used for generation of stable signal in imaging and flow cytometry.

SPECIFICATIONS

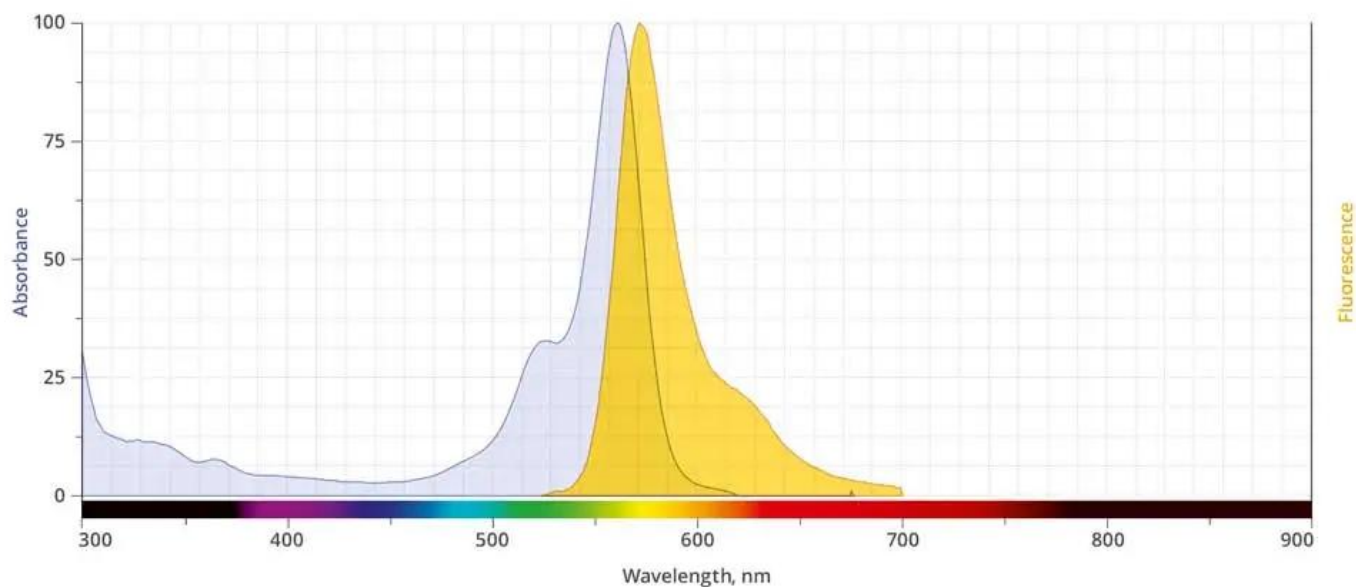
CAS Number	N/A
Molecular Weight	944.10 (protonated)

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



Appearance	Red solid
Extinction Coefficient	110,000
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® 546, Atto™ 546, CF® 546
Laser Line	532 nm
Excitation/Emission Maximum	554/570 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

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