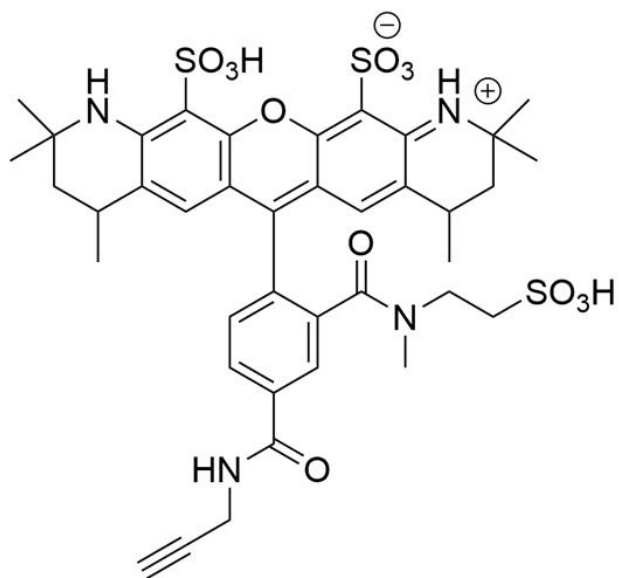


AZDYE 546 ALKYNE

SKU: CCT-1285



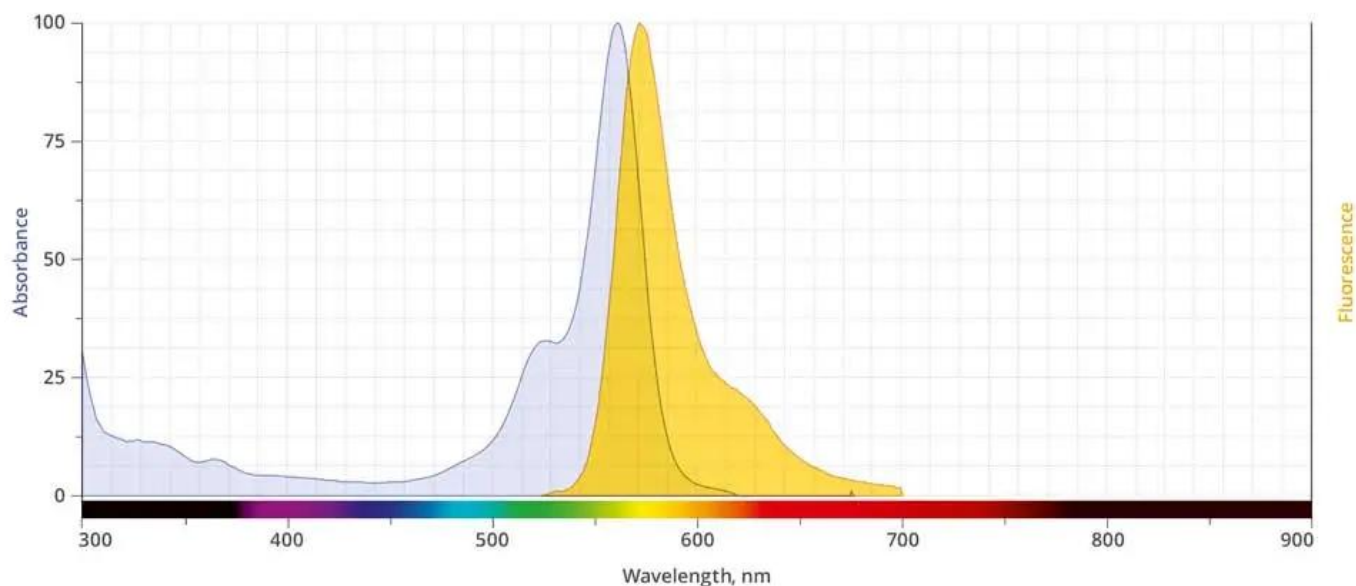
Description

AZDye™ 546 Alkyne is a bright, orange-fluorescent alkyne-activated probe routinely used for imaging of low abundance azide-containing biomolecules. AZDye™ 546 Alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker.

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.

For application where the presence of copper is not acceptable, please consider our AZDye™ 546 DBCO or [MB 543 DBCO](#) probes for copper-less detection of azide-modified molecules.

For research use only. Not intended for animal or human therapeutic or diagnostic use.



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	543/563 nm
Extinction Coefficient	110,000
Flow Cytometry Laser Line	532 nm
Microscopy Laser Line	543 nm or 546 nm
Spectrally Similar Dyes	Alexa Fluor® 546, Atto™ 546, CF® 546
Molecular weight	856.98 (protonated)
CAS	N/A
Solubility	Water, DMSO, DMF
Appearance	Red solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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