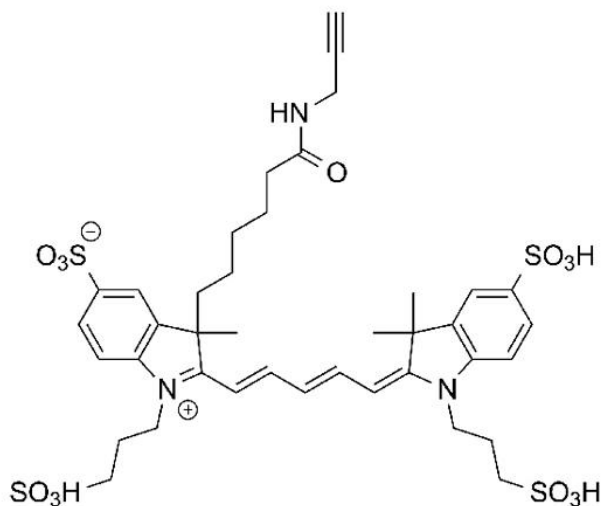




AZDYE 647 ALKYNE

SKU: CCT-1301



DESCRIPTION

AZDye™ 647 Alkyne is a water-soluble, pH-insensitive from pH 4 to pH 10, far-red-fluorescent probe with excitation ideally suited for the 633 nm or 647 nm laser lines, and visualized with Cy5 filter sets.

AZDye™ 647 is often a reagent of choice for imaging of low abundance azide-containing biomolecules. AZDye™ 647 Alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker.

AZDye™ 647 is structurally similar to Alexa Fluor® 647, and spectrally is almost identical to Cy5 Dye, Alexa Fluor® 647, CF® 647 Dye, or any other Cyanine5 based fluorescent dyes. AZDye™ 647 Azide can be used as a less expensive alternative to Alexa Fluor® 647 Azide.

For application where the presence of copper is not acceptable, please consider our AZDye™ 647 DBCO or Cy5 DBCO probes for copper-less detection of azide-modified molecules.

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

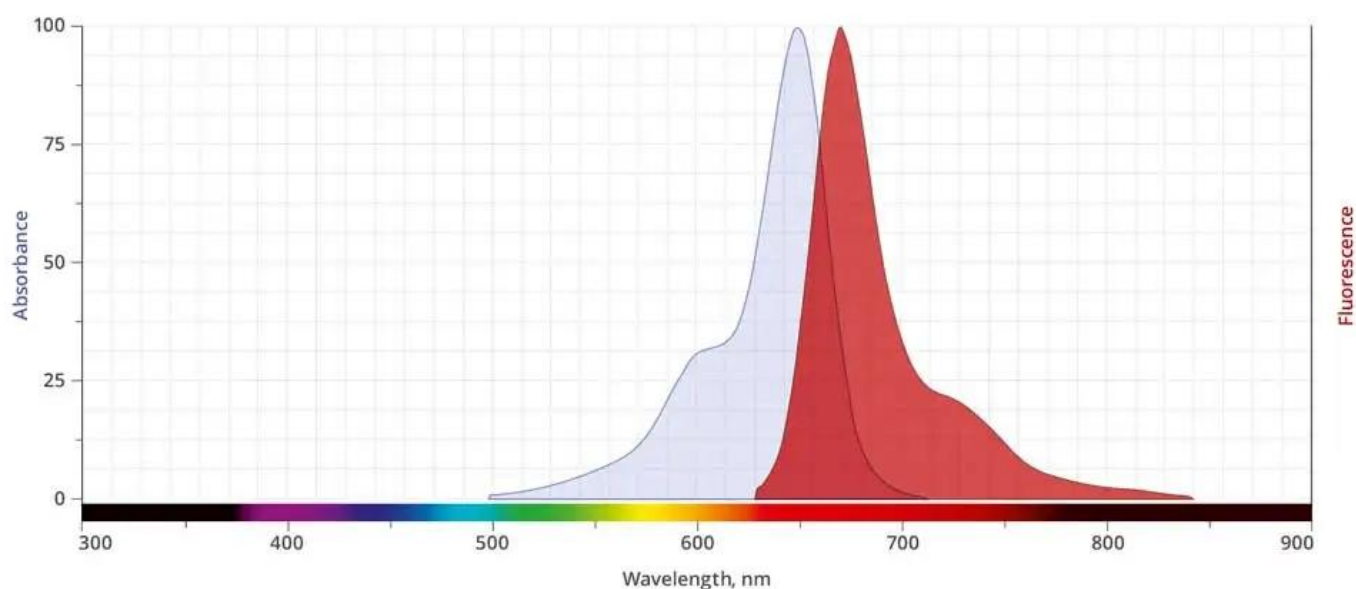


Alexa Fluor® is a registered trademark of Thermo Fisher Scientific.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	896.07 (protonated)
Appearance	Blue solid
Extinction Coefficient	270,000
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® 647, CF® 647, DyLight® 649
Laser Line	633 nm or 647 nm
Excitation/Emission Maximum	648/671 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



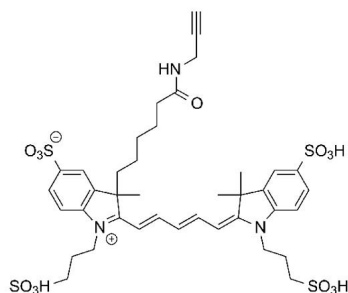
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DOCUMENTS

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

GALLERY IMAGES



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