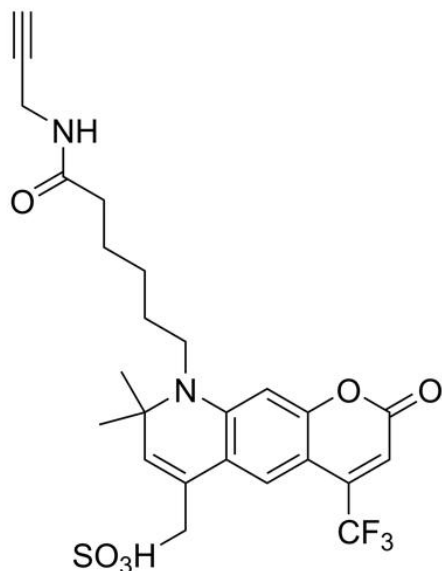




AZDYE 430 ALKYNE

SKU: CCT-1273



DESCRIPTION

AZDye™ 430 Alkyne is a green-fluorescent alkyne-activated probe routinely used for imaging of moderate to high abundance azide-containing biomolecules. AZDye™ 430 Alkyne reacts with azides via a copper-catalyzed click reaction (CuAAC) to form a stable triazole linker.

AZDye™ 430 is a bright, and photostable, green-fluorescent probe optimally excited near its absorption maximum at 432 nm. Its emission peaks at 539 nm is pH independent over a wide pH range. The brightness and photostability of blue dyes are well suited to direct imaging of moderate to high abundance targets.

AZDye™ 430 is structurally identical to Alexa Fluor® 430. Its absorption/emission spectra is a perfect match to spectra of many other structurally similar dyes, including Alexa Fluor® 430

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and CF®430 Dye.

For application where the presence of copper is not acceptable, please consider our AZDye™ 430 DBCO probe for copper-less detection of azide-modified molecules.

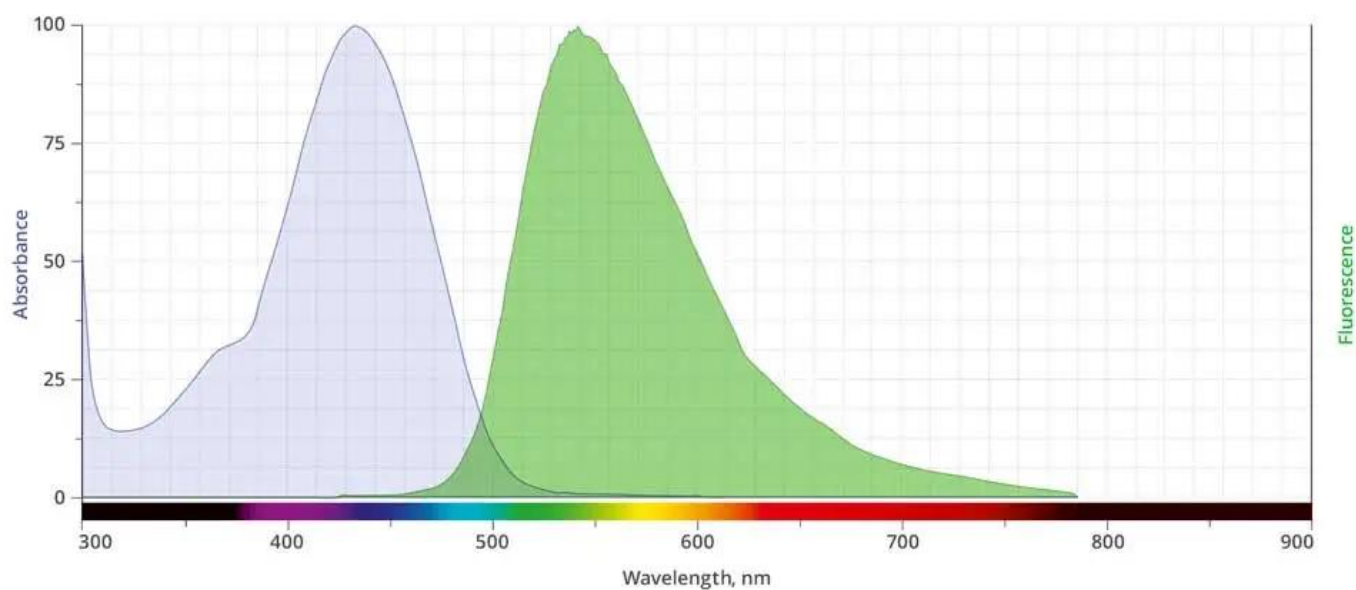
Alexa Fluor® is a registered trademark of Thermo Fisher Scientific. CF® Dye is a registered trademark of Biotium, Inc

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	540.55
Appearance	Yellow solid
Extinction Coefficient	15,000
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® 430, CF® 430
Excitation/Emission Maximum	430/537 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

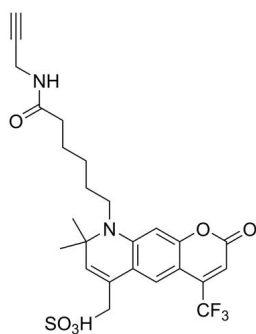
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DOCUMENTS

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

GALLERY IMAGES



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