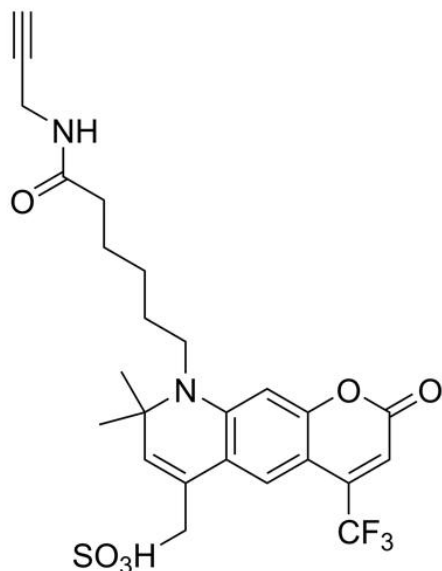


AZDYE 430 ALKYNE

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.

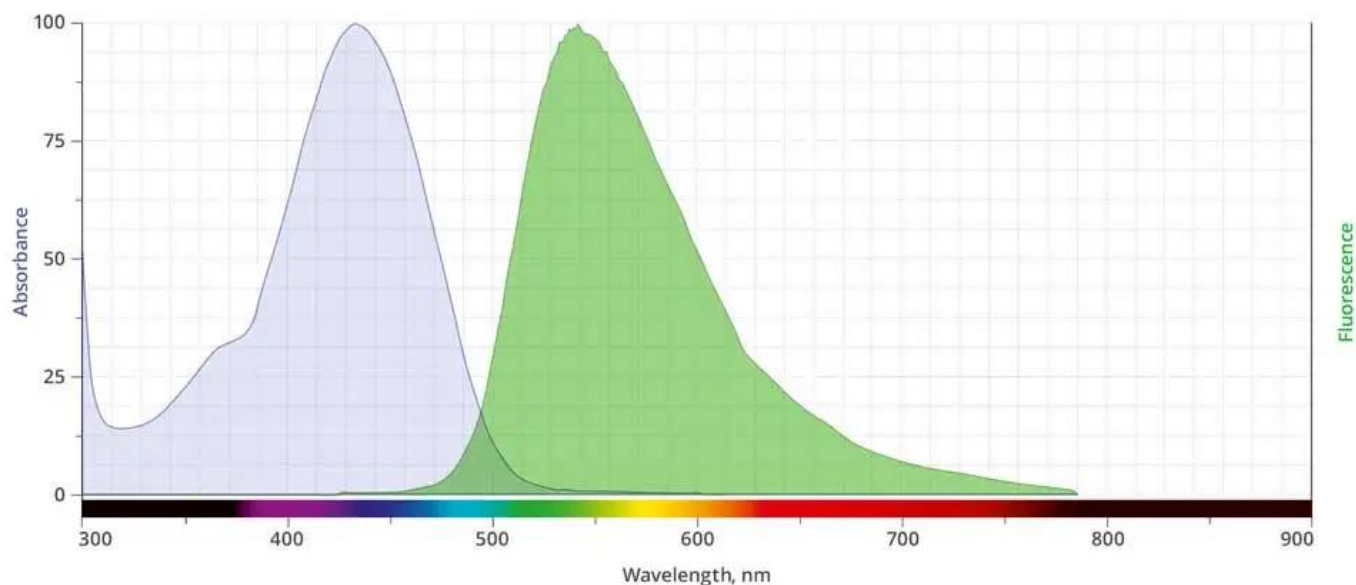
AZDye™ 430 is a bright, and photostable, green-fluorescent probe optimally excited near its absorption maximum at 432 nm. Its emission peaks at 539 nm is pH independent over a wide pH range. The brightness and photostability of blue dyes are well suited to direct imaging of moderate to high abundance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

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

Alexa Fluor® is a registered trademark of Thermo Fisher Scientific. CF® Dye is a registered trademark of [Biotium, Inc](#)



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	430/537 nm
Extinction Coefficient	15,000
Spectrally Similar Dyes	Alexa Fluor® 430, CF® 430
Molecular weight	540.55
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Yellow solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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