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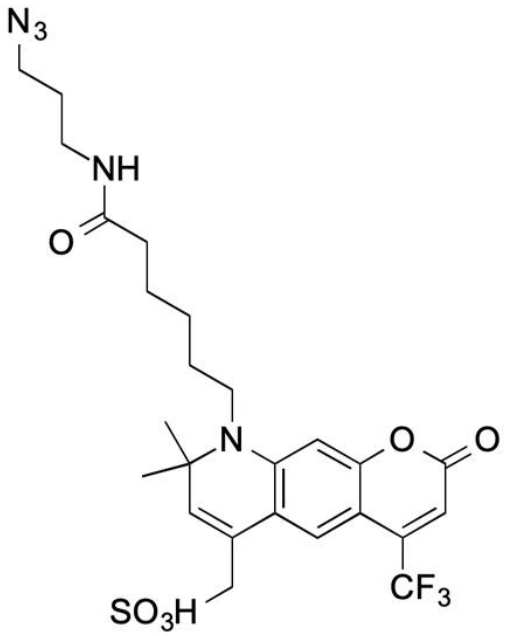
AZDYE 430 AZIDE

SKU: CCT-1271



DESCRIPTION

AZDye™ 430 Azide is a water-soluble, green-fluorescent azide-activated probe that reacts with terminal alkynes via a copper-catalyzed click reaction (CuAAC). 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™ 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

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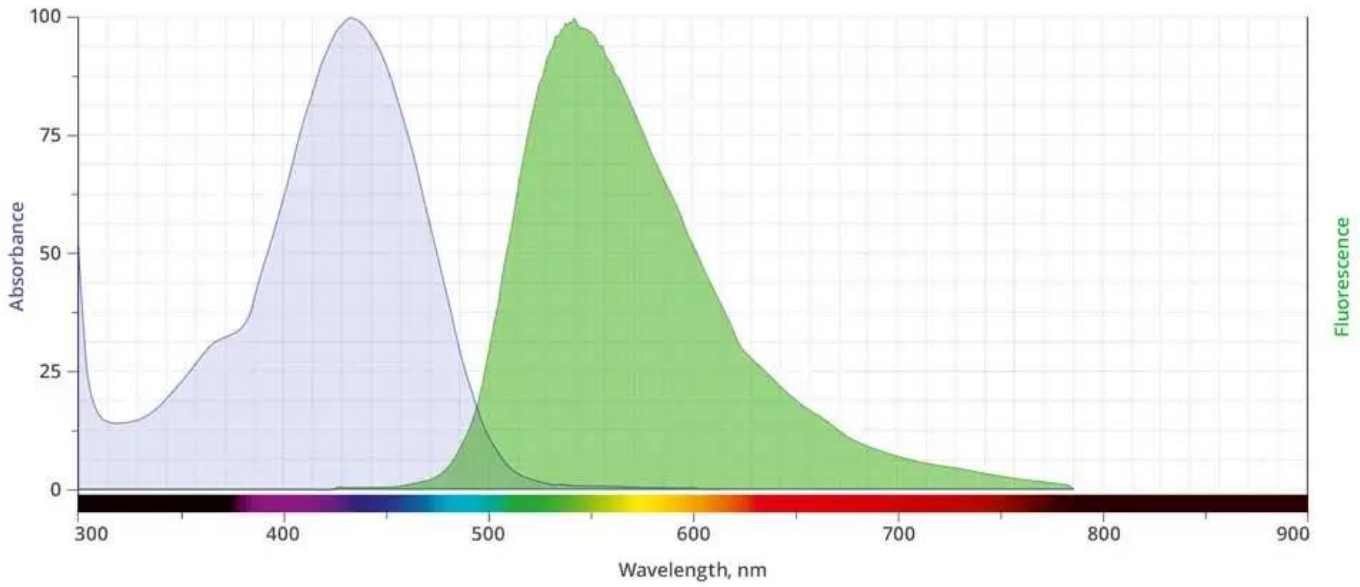
perfect match to spectra of many other structurally similar dyes, including Alexa Fluor® 430 and CF®430 Dye.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	585.6
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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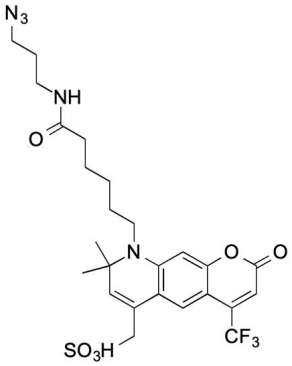
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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