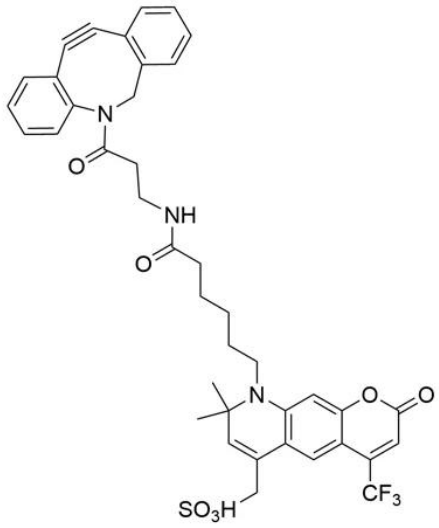
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 430 DBCO

SKU: CCT-1274



DESCRIPTION

AZDye™ 430 DBCO dye reacts with azides via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. In application where the presence of copper is a concern AZDye™ 430 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

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.

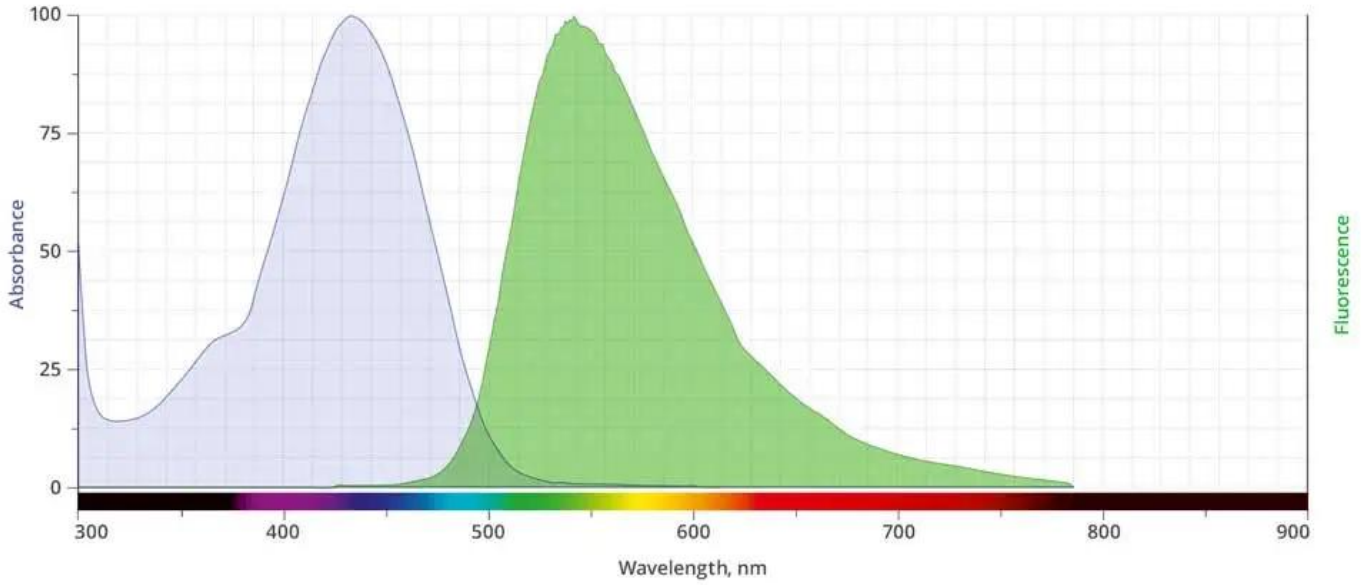
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

AZDye™ 430 DBCO reagent is not suitable for staining intracellular components of fixed and permeabilized cells due to high backgrounds.

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	761.81
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



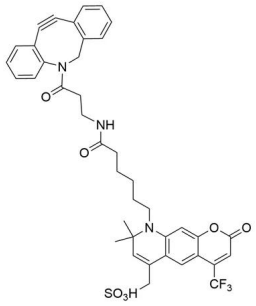
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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