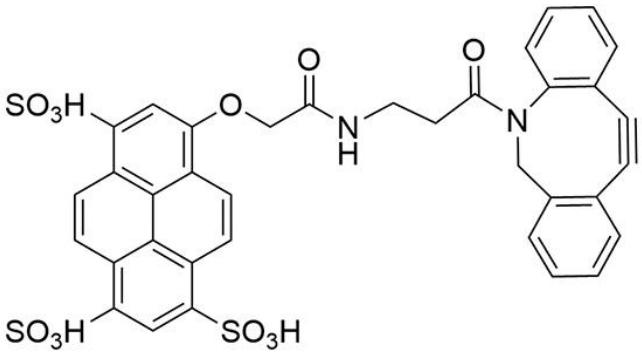
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 405 DBCO

SKU: CCT-1310



DESCRIPTION

AZDye™ 405 DBCO 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™ 405 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

AZDye™ 405 is a bright, blue-fluorescent probe optimally excited by the 407 nm spectral line of the krypton laser or the 408 nm violet laser diode. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of this dye are best suited to direct imaging of moderate-abundance targets.

AZDye™ 405 is structurally similar to Alexa Fluor® 405, and spectrally is a match to DyLight® 405, Alexa Fluor® 405, CF® 405S Dye, or any other pyrene-based fluorescent dyes.

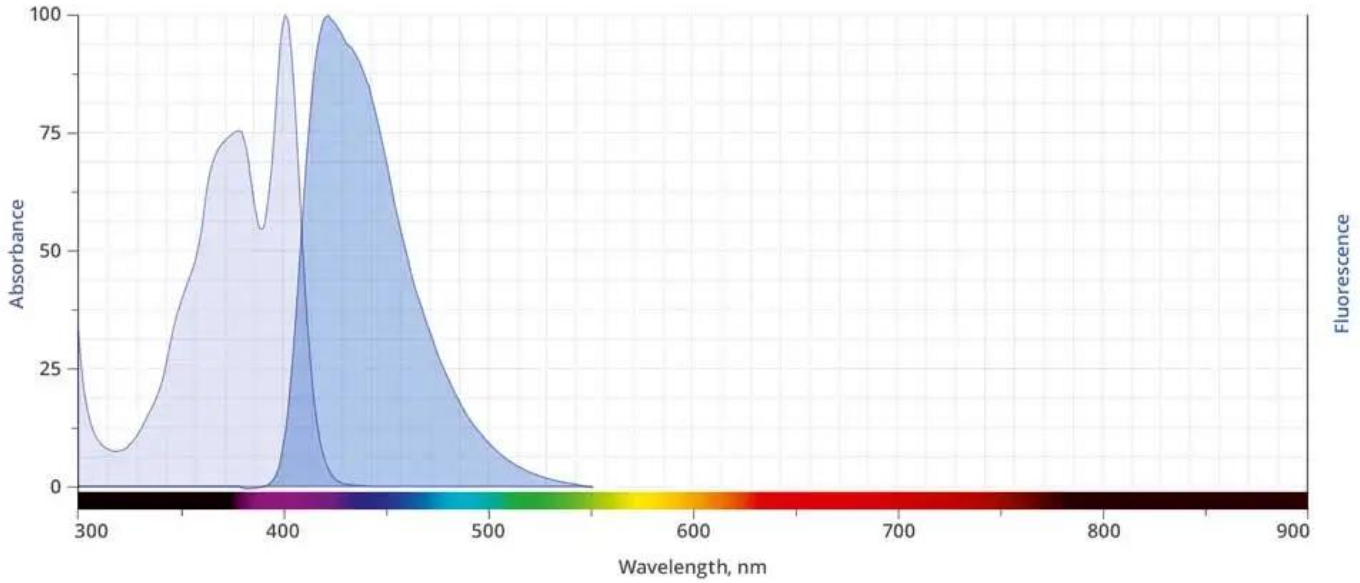
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	774.79
Appearance	Yellow solid

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

Extinction Coefficient	35,000
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® 405, CF® 405, Cascade Blue®, DyLight® 405
Laser Line	405 nm
Excitation/Emission Maximum	402/424 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



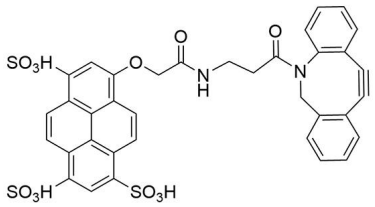
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

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GALLERY IMAGES



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