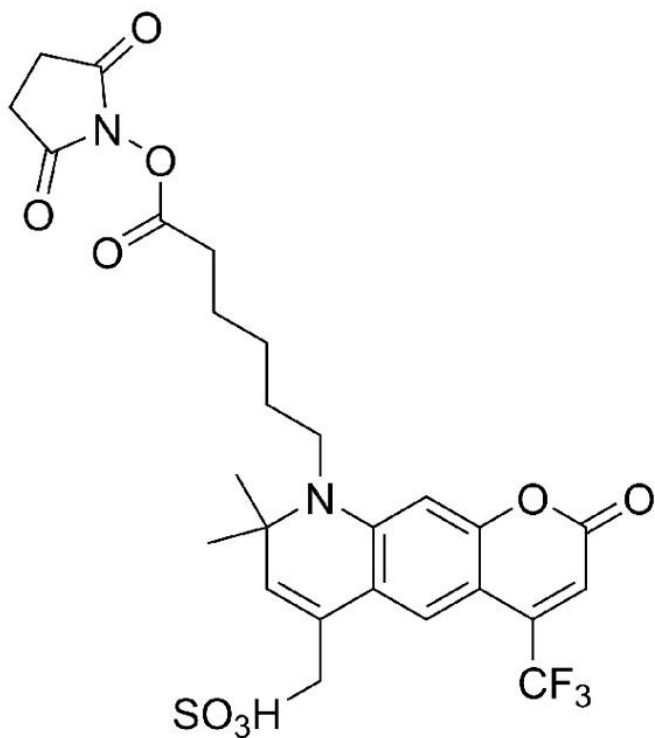




AZDYE 430 NHS ESTER

SKU: FP-1031



DESCRIPTION

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



AZDye™ 430 NHS Ester is a water-soluble, green-fluorescent dye that is often used in multi-color applications, including flow cytometry and super-resolution microscopy using STORM. Its excitation is ideally suited for the 407 nm spectral line of the krypton laser or the 408 nm violet laser diode. AZDye™ 405 conjugates are pH-insensitive from pH 4 to pH 10.

The NHS ester (or succinimidyl ester) is the most popular amine reactive group for labeling the primary amines of proteins (Lys), amine-modified oligonucleotides, and other amine-containing molecules. Proteins can be labeled with AZDye™ 430 NHS Ester at high molar ratios without significant self-quenching, leading to brighter conjugates and more sensitive detection.

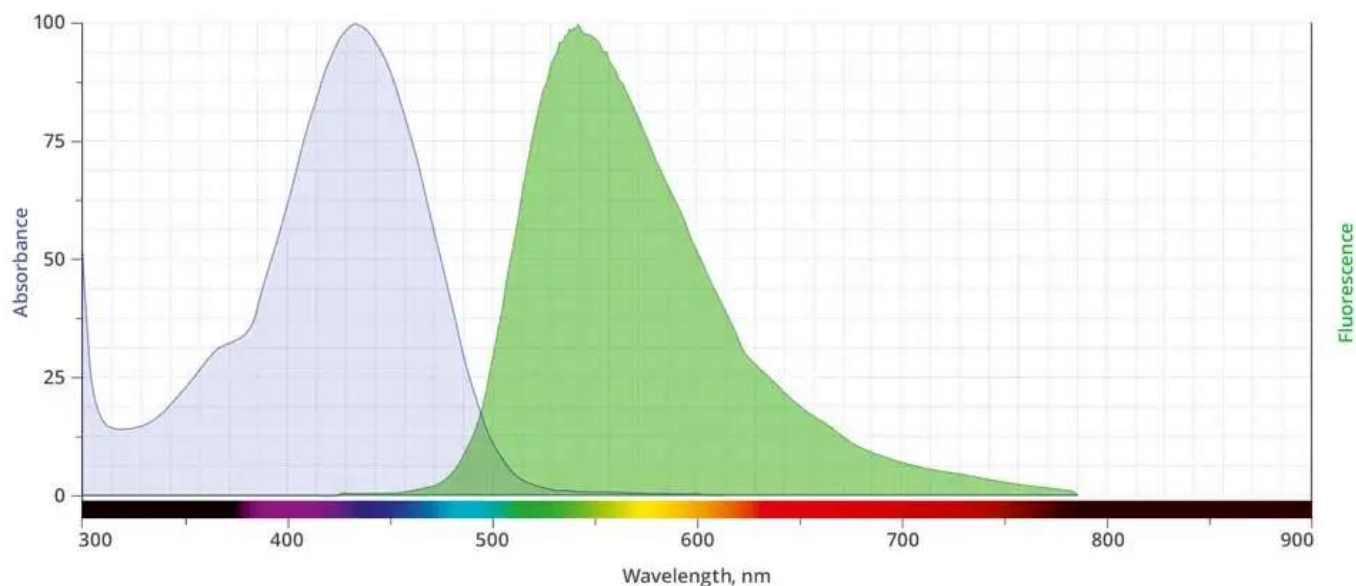
SPECIFICATIONS

Molecular Weight	600.56
Extinction Coefficient	15,000 cm ⁻¹ M ⁻¹
Reactivity	Alkynes, cyclooctynes
Unit Size	5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 430
Excitation/Emission Maximum	430/539 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

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ABS/EM SPECTRA

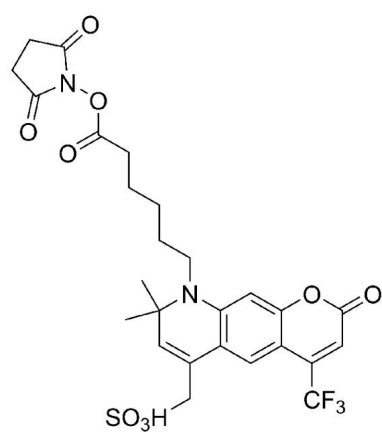


DOCUMENTS

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

GALLERY IMAGES

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