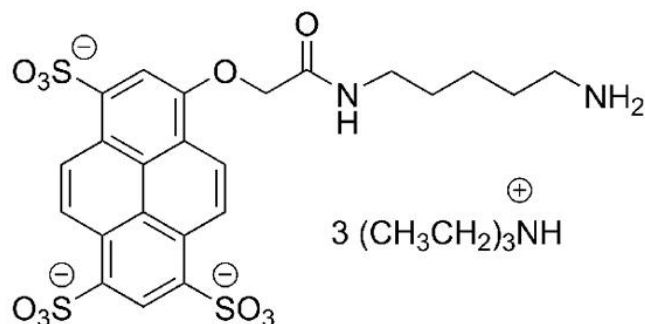




AZDYE 405 CADAVERINE

SKU: FP-1063



DESCRIPTION



AZDye™ 405 Cadaverine is a carbonyl-reactive building block used to modify carboxylic groups in the presence of activators (e.g. EDC or DCC) or activated esters (e.g. NHS esters) through a stable amide bond. Another common application for AZDye™ 405 Cadaverine is cell fixing by treatment with formaldehyde or glutaraldehyde.

AZDye™ 405 is a water-soluble, blue-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 is structurally and spectrally similar to DyLight® 405, Alexa Fluor®

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

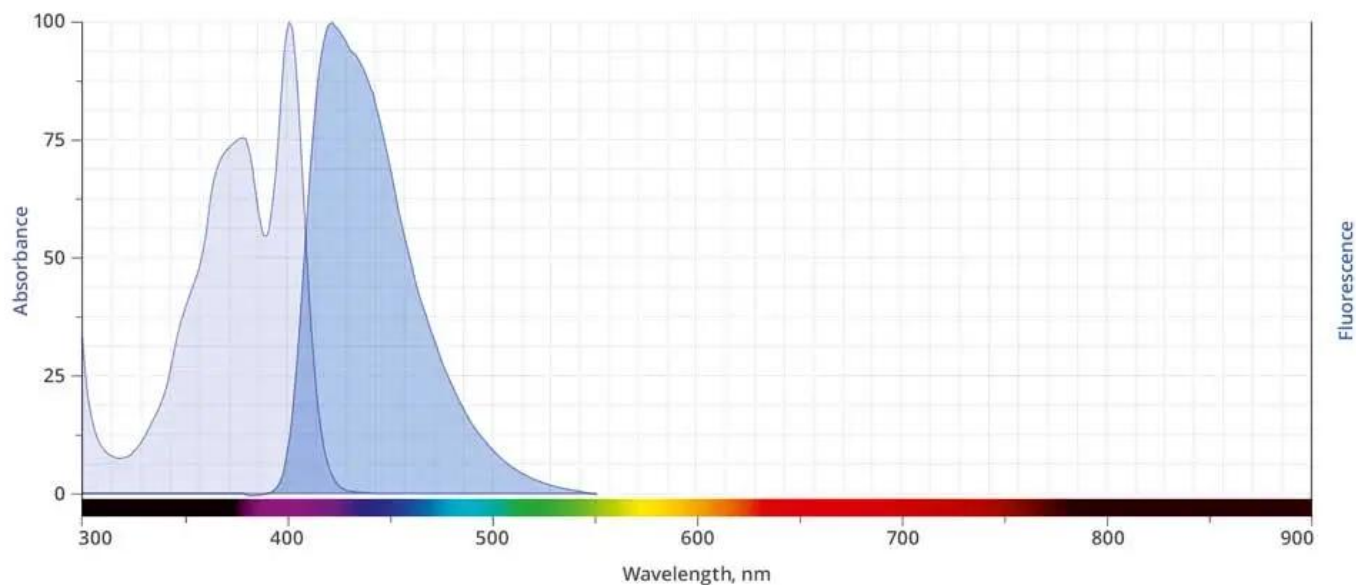


405, CF® 405S Dye, or any other pyrene-based fluorescent dyes.

SPECIFICATIONS

Molecular Weight	600.63 (protonated), 904.21 (triethylammonium salt)
Extinction Coefficient	29,000 cm ⁻¹ M ⁻¹
Reactivity	Aldehydes, carboxylic acids, ketones
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 405, DyLight® 405, Cascade Blue
Excitation/Emission Maximum	399/422 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



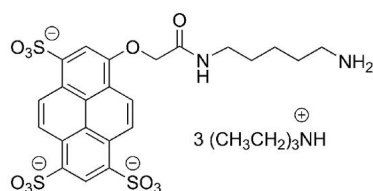
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DOCUMENTS

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

GALLERY IMAGES



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