www.vectorlabs.com
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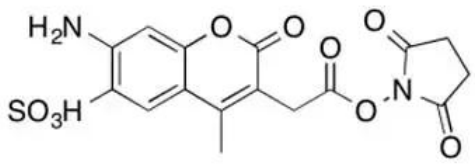
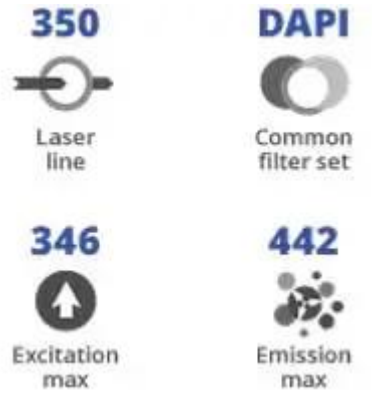
AZDYE 350 NHS ESTER

SKU: FP-1002



DESCRIPTION



AZDye™ 350 NHS Ester (Alexa Fluor® 350 NHS Ester equivalent) is an amine reactive, water-soluble, blue-emitting dye used to specifically and efficiently modify a primary amine (e.g., side chain of lysine residues or aminosilane-coated surfaces) at pH 7-9 to form a stable, covalent amide bond. The NHS ester (or succinimidyl ester) is the most popular tool for conjugating dyes to the primary amines of proteins or antibodies (Lys), amine-modified oligonucleotides, and other amine-containing molecules.

AZDye™ 350 is a moderately photostable, blue-fluorescent probe optimally excited by the 350 nm laser line routinely used for generation of stable signal in imaging and flow cytometry. The brightness and photostability of blue dyes are best suited to direct imaging of high-abundance

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

targets.

AZDye™ 350 NHS Ester is structurally identical to Alexa Fluor® 350 NHS Ester.

SPECIFICATIONS

Molecular Weight	446.81
Molecular Formula	C16H15ClN2O9S
Chemical Formula	C16H15ClN2O9S
Extinction Coefficient	19,000 cm-1M-1
Reactivity	Primary amines
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 350, AMCA, DyLight® 350
Excitation/Emission Maximum	346 nm / 445 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

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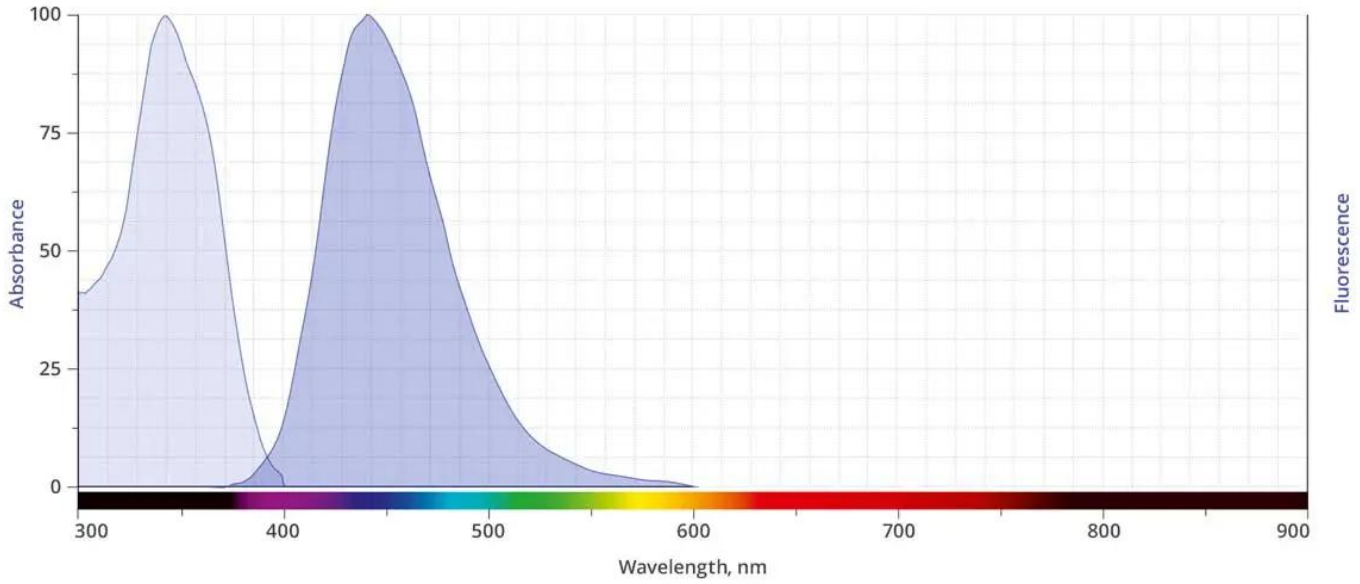
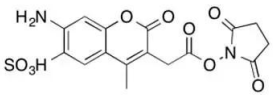


DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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