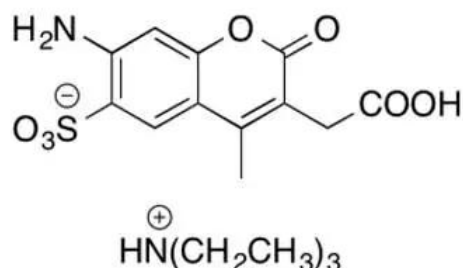




## AZDYE 350 ACID

SKU: FP-1003



## DESCRIPTION



AZDye™ 350 Acid is an amine reactive, non-activated, water-soluble, blue-emitting dye used for derivatizing amine-containing molecules in the presence of activators (e.g. EDC or HATU) through a stable, covalent amide bond. The NHS ester (or succinimidyl ester) of this dye is also available for conjugating AZDye™ 350 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 producing bright, blue fluorescent conjugates for imaging and flow cytometry. The emission of AZDye™ 350 conjugates is slightly shorter than that of AMCA or AMCA conjugates, reducing AZDye™ 350's spectral overlap with the emission of fluorescein or Alexa Fluor® 488 dye.

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

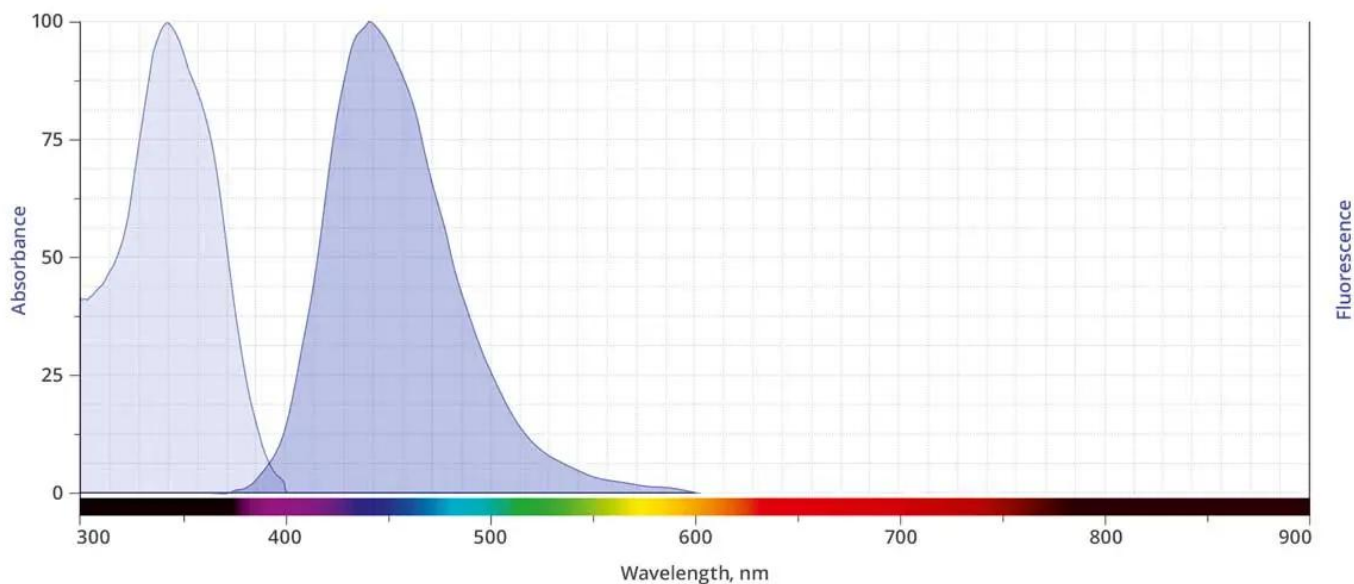


AZDye™ 350 dye structurally is identical to Alexa Fluor® Dye 350.

## SPECIFICATIONS

<b>Molecular Weight</b>	313.28
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>11</sub> NO <sub>7</sub> S
<b>Chemical Formula</b>	C <sub>12</sub> H <sub>11</sub> NO <sub>7</sub> S
<b>Extinction Coefficient</b>	19,000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Reactivity</b>	Primary amines (needs activation)
<b>Unit Size</b>	1 mg, 5 mg, 25 mg, 100 mg
<b>Solubility</b>	Water, DMSO, DMF
<b>Storage Instructions</b>	-20°C
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 350, AMCA, DyLight® 350
<b>Excitation/Emission Maximum</b>	346 nm / 445 nm
<b>Shipping Conditions</b>	Ambient temperature
<b>Shipping Instructions</b>	Ambient temperature

## ABS/EM SPECTRA



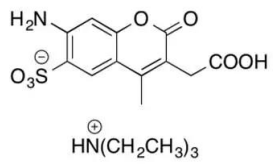
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## DOCUMENTS

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

## GALLERY IMAGES



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