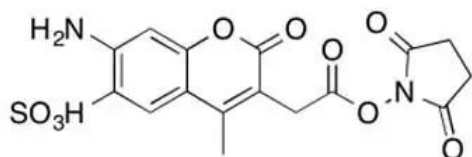


# AZDYE 350 NHS ESTER

SKU: FP-1002



## Description

**350**



Laser  
line

**DAPI**



Common  
filter set

**346**



Excitation  
max

**442**



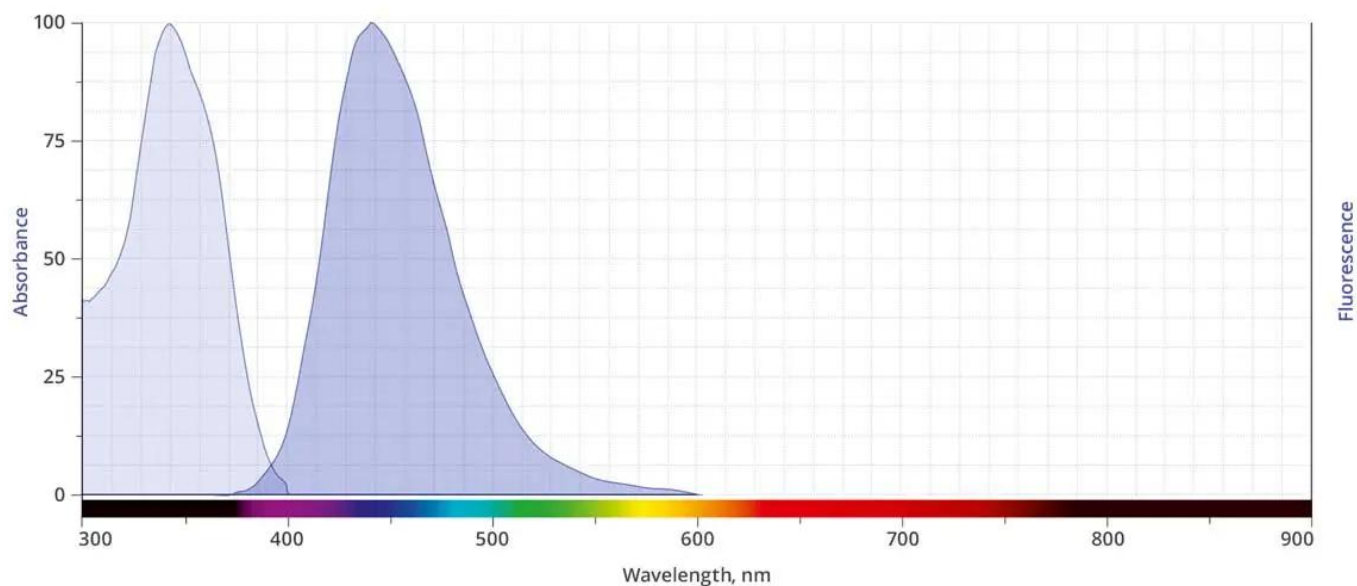
Emission  
max

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 targets.

AZDye™ 350 NHS Ester is structurally identical to [Alexa Fluor® 350 NHS Ester](#).

**For research use only. Not intended for animal or human therapeutic or diagnostic use.**



Abs/Em Spectra

## Specifications

<b>Unit Size</b>	1 mg, 5 mg, 25 mg, 100 mg
<b>Reactivity</b>	Primary amines
<b>Abs/Em Maxima</b>	346/445 nm
<b>Extinction coefficient</b>	19,000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Solubility</b>	Water, DMSO, DMF
<b>Spectrally similar dyes</b>	Alexa Fluor® 350, AMCA, DyLight® 350
<b>Molecular weight</b>	410.35
<b>Storage Conditions</b>	-20°C. Desiccate
<b>Shipping Conditions</b>	Ambient temperature

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