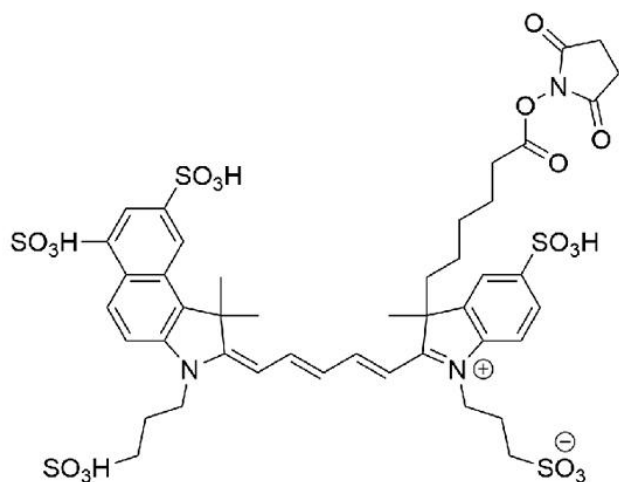




AZDYE 660 NHS ESTER

SKU: FP-1821



DESCRIPTION

633/647



Laser
line

Cy5.5



Common
filter set

673



Excitation
max

694



Emission
max

AZDye 660 is a bright and photostable near-IR dye that is spectrally almost identical to Alexa Fluor® 660 and CF660® 680RD. AZDye 680 is often used for a bright and photostable far-red dye with excitation ideally suited to the 633 or 647 nm laser line. AZDye 660 ideally suited for the 633 nm laser line. This near-IR fluorescent dye is water soluble and pH-insensitive from pH 4

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



to pH 10. AZDye 660 molecules can be attached to proteins at high molar ratios without significant self-quenching, leading to brighter conjugates and more sensitive detection. The long wavelength emission allows for detection in complex samples with auto-fluorescent background signals.

The NHS ester (succinimidyl ester) of AZDye 660 is the most popular tool for conjugating this dye to a protein or antibody. NHS esters can be used to label to the primary amines (R-NH₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules.

SPECIFICATIONS

Molecular Weight	1089.16
Extinction Coefficient	250,000 cm ⁻¹ M ⁻¹
Reactivity	Primary amine
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 660, CF® 660
Excitation/Emission Maximum	662/690 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

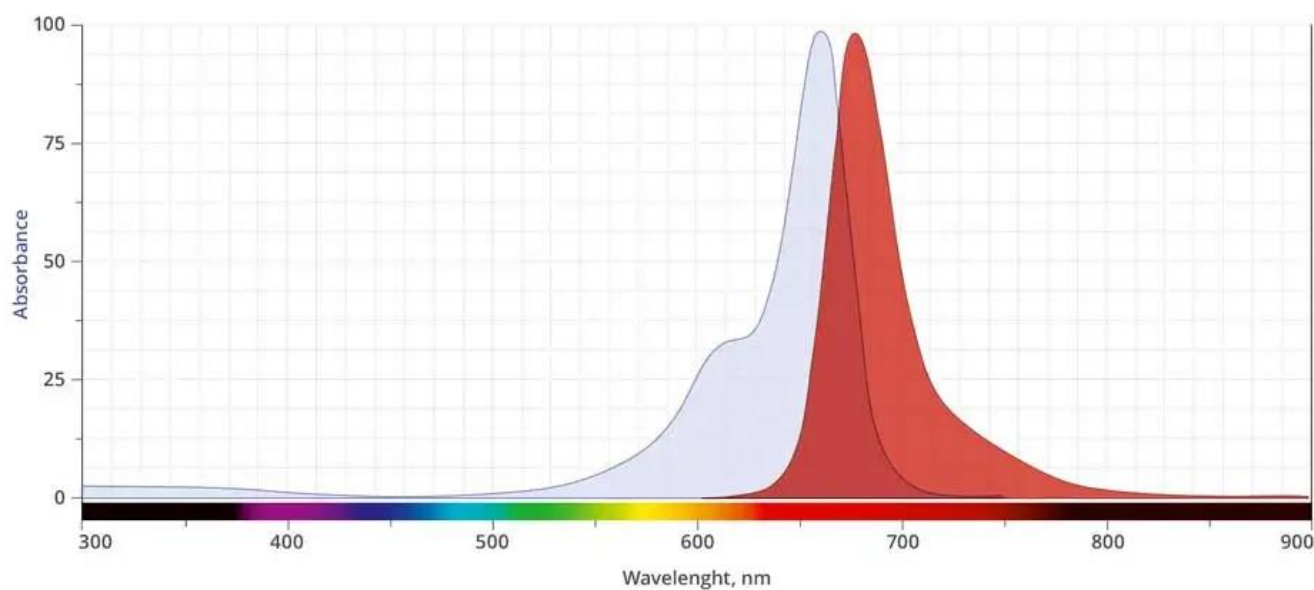
ABS/EM SPECTRA

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



Email: customerservice@vectorlabs.com

Telephone: [\(650\) 697-3600](tel:(650)697-3600)



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

CC1(C)C2=CC=C(C=C2N(C1)CCCCS(=O)(=O)O)C=C/C=C/C=C/C=C/C=C/C=C/C=C/C=C/C3=CC=C(C=C3N(C4=CC=C(C=C4)S(=O)(=O)O)CCCCCCCCC(=O)OC(=O)N5C(=O)CCC5=O)S(=O)(=O)O

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

AZDye 660 NHS Ester

<https://vectorlabs.com/products/azdye-660-nhs-ester/>