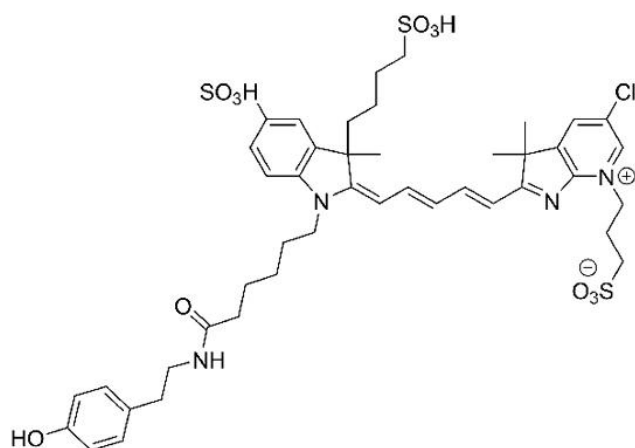




Email: customerservice@vectorlabs.com

Telephone: [\(650\) 697-3600](tel:6506973600)

SKU: CCT-1544

NIR fluorescent reagent widely used for tyramide signal amplification (TSA) in IHC, ICC, FISH and multicolor FISH. Tyramide signal amplification (TSA) has proven to be a particularly versatile and powerful enzyme amplification technique with improved assay sensitivity. TSA is based on the ability of HRP, in the presence of low concentrations of hydrogen peroxide, to convert labeled tyramine-containing substrate into an oxidized, highly reactive free radical that can covalently bind to tyrosine residues at or near the HRP.

AZDye™ 680 Tyramide is a component of many tyramide signal amplification kits, including SuperBoost®. This reagent can be used with any antibody conjugated to HRP for tyramide signal amplification for detection of low abundance targets in multiplexable fluorescent immunocytochemistry (ICC), immunohistochemistry (IHC), and in situ hybridization (ISH).

CAS Number

N/A

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

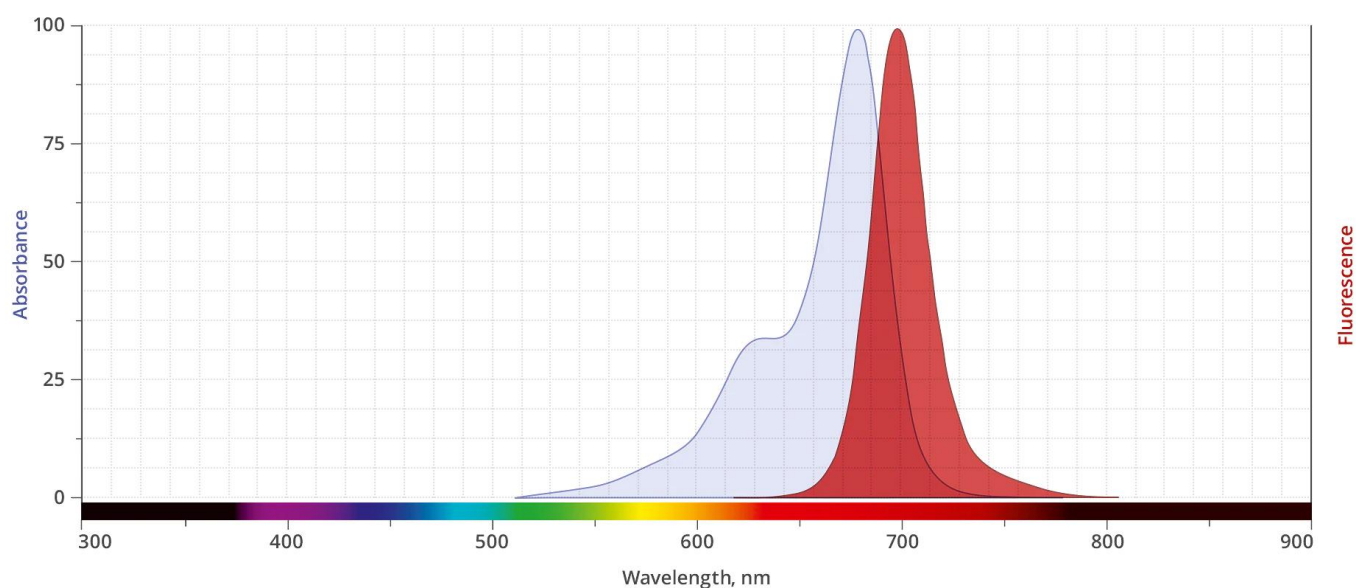
AZDye 680 Tyramide

<https://vectorlabs.com/products/azdye-680-tyramide/>



Molecular Weight	947.57 (protonated)
Appearance	Blue solid
Extinction Coefficient	185,000
Unit Size	150 slides, 1500 slides
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 680, IRDye® 680RD, CF™ 680 Dye
Laser Line	633 nm or 647 nm
Excitation/Emission Maximum	678/701 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



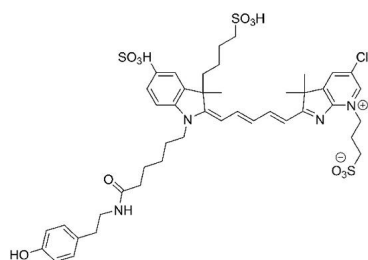
DOCUMENTS

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

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GALLERY IMAGES



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