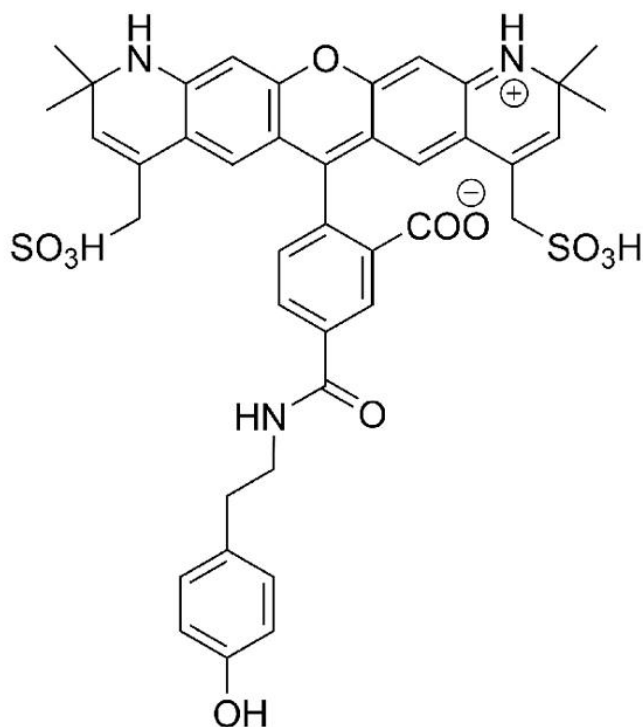




AZDYE 568 TYRAMIDE

SKU: CCT-1541



DESCRIPTION

Red 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™ 568 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

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



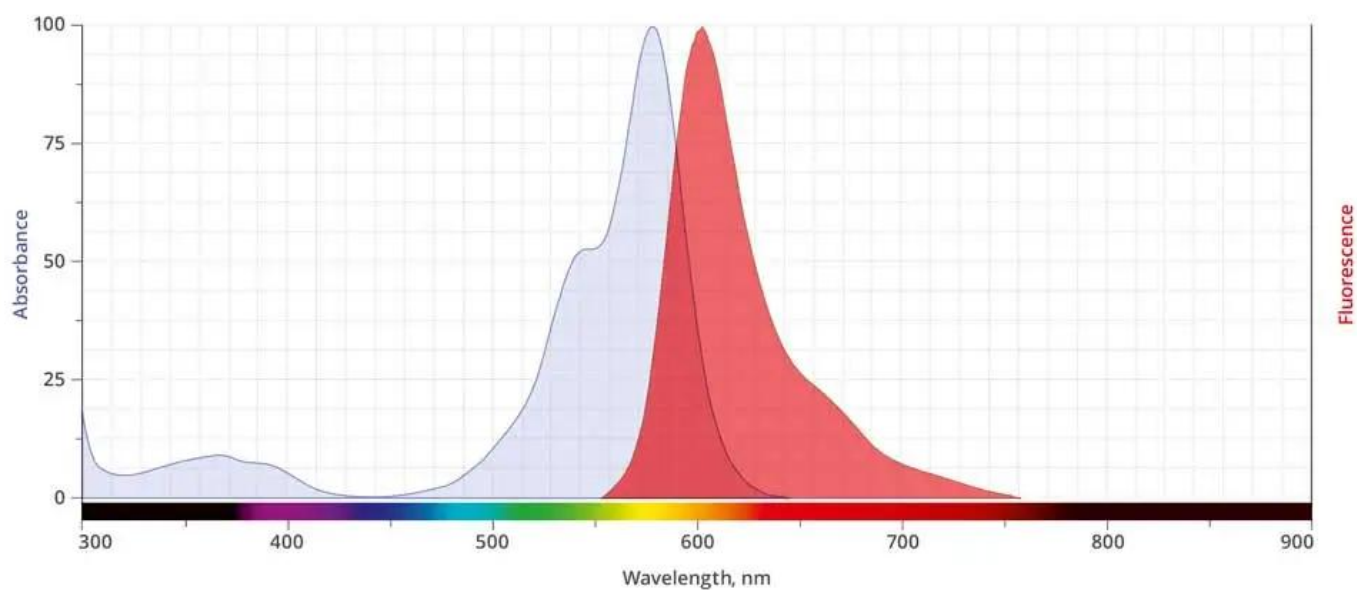
signal amplification for detection of low abundance targets in multiplexable fluorescent immunocytochemistry (ICC), immunohistochemistry (IHC), and in situ hybridization (ISH).

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1016.28
Molecular Formula	C53H69N5O11S2
Appearance	Dark blue solid
Chemical Formula	C53H69N5O11S2
Extinction Coefficient	88,000
Unit Size	150 slides, 1500 slides
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 568, CF® 568
Laser Line	532 nm or 568 nm
Excitation/Emission Maximum	578 nm / 602 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA

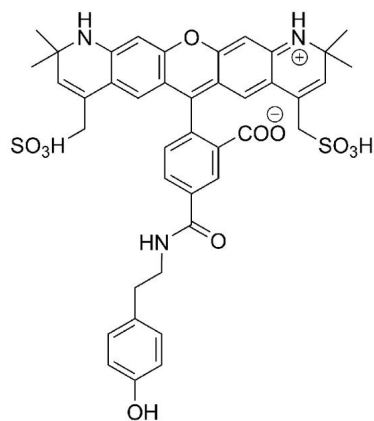
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DOCUMENTS

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

GALLERY IMAGES



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