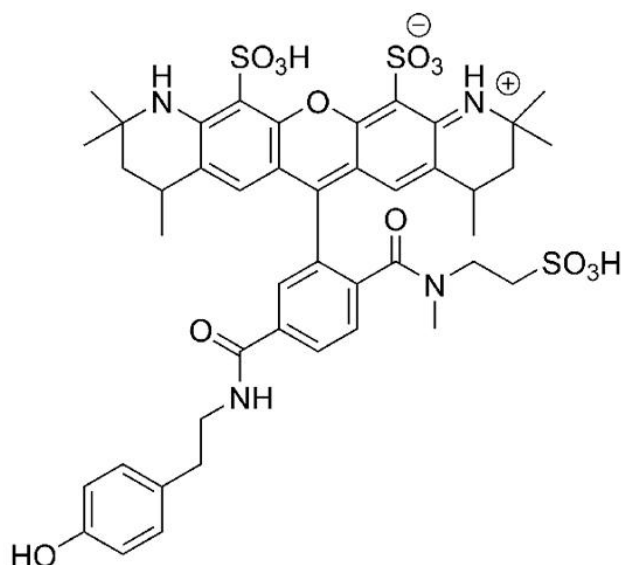




AZDYE 546 TYRAMIDE

SKU: CCT-1539



DESCRIPTION

Orange 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™ 546 Tyramide (Alexa Fluor® 546 Tyramide equivalent) 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).

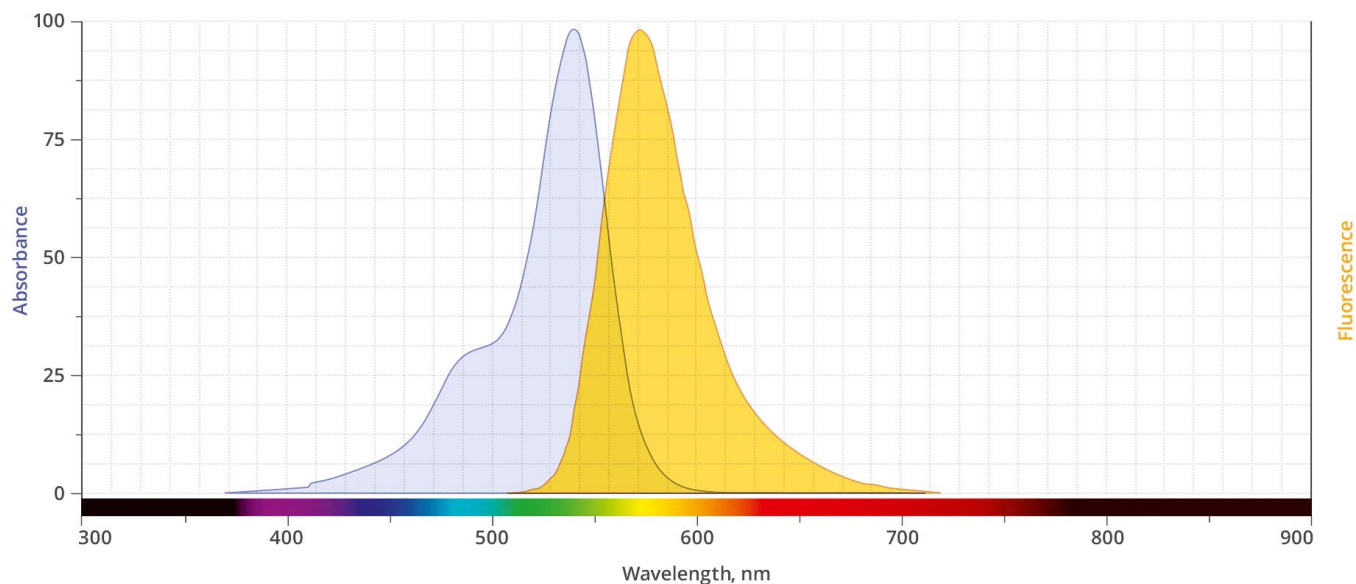
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



SPECIFICATIONS

CAS Number	N/A
Molecular Weight	939.08
Appearance	Red solid
Extinction Coefficient	105,000
Unit Size	150 slides, 1500 slides
Solubility	Water, DMSO, DMF, MeOH
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 546, Atto™ 543, CF® 543
Laser Line	532 nm
Excitation/Emission Maximum	543/563 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



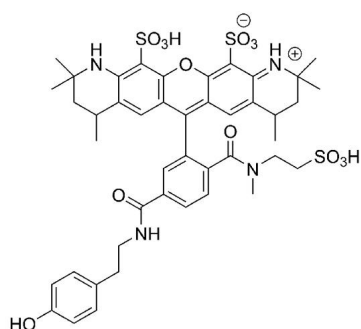
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DOCUMENTS

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

GALLERY IMAGES



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