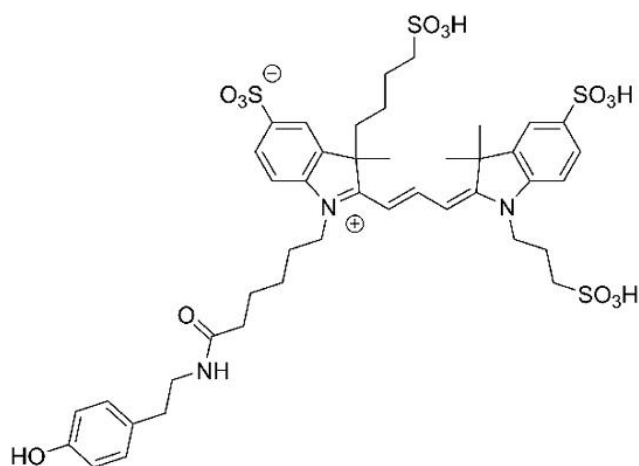


# AZDYE 555 TYRAMIDE

**SKU:** CCT-1540

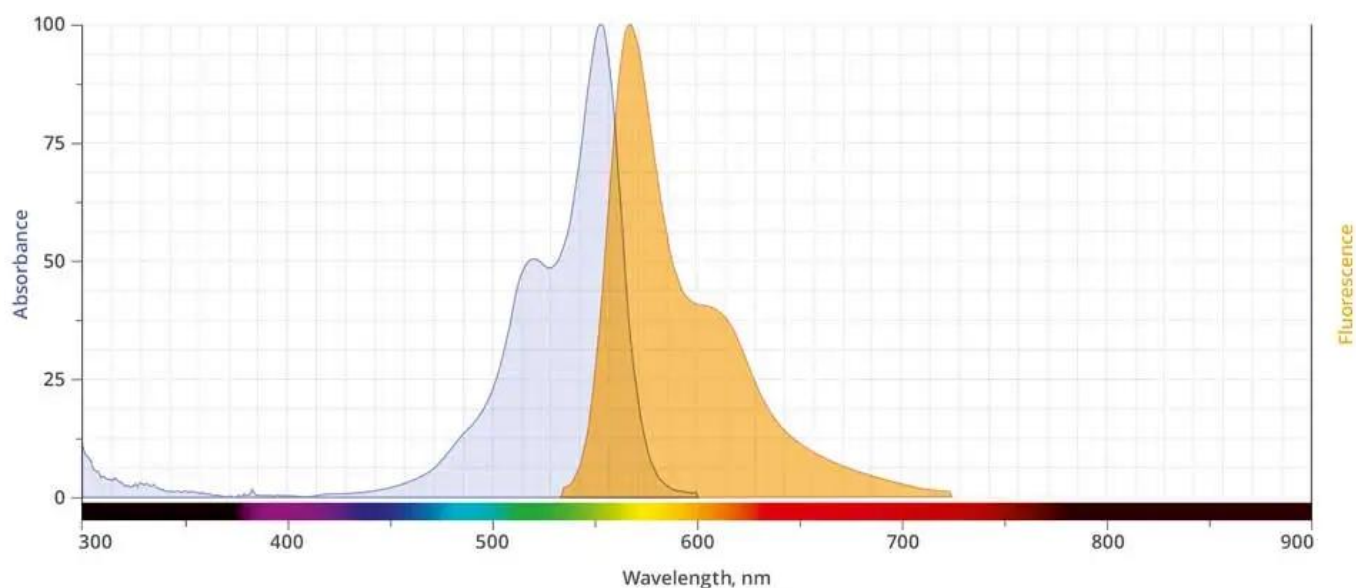


## Description

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™ 555 Tyramide (Alexa Fluor® 555 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 animal or human therapeutic or diagnostic use.**



Abs/Em Spectra

## Specifications

<b>Unit Size</b>	150 slides, 1500 slides
<b>Abs/Em Maxima</b>	555/572 nm
<b>Extinction Coefficient</b>	155,000
<b>Flow Cytometry Laser Line</b>	532 nm or 555 nm
<b>Microscopy Laser Line</b>	532 nm or 555 nm
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 555, CF® 555, DyLight® 549, Cy3 Dye
<b>Molecular weight</b>	966.16 (protonated)
<b>CAS</b>	N/A
<b>Solubility</b>	Water, DMSO, DMF
<b>Appearance</b>	Red solid
<b>Storage Conditions</b>	-20°C. Desiccate
<b>Shipping Conditions</b>	Ambient temperature

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