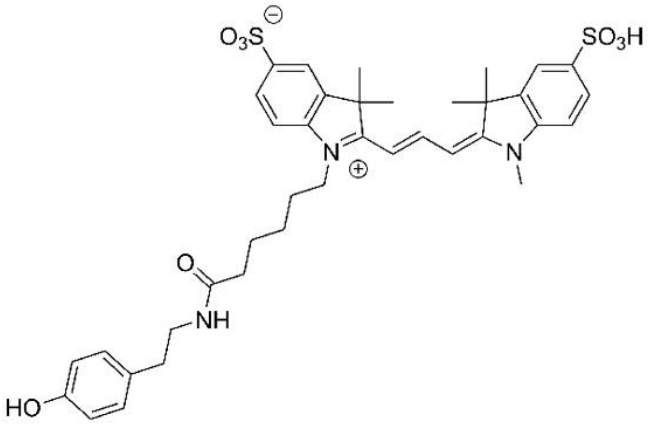
www.vectorlabs.com
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Telephone: (650) 697-3600

CY3 TYRAMIDE

SKU: CCT-1545



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.

Cy3 Tyramide is a component of many tyramide signal amplification kits. 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).

SPECIFICATIONS

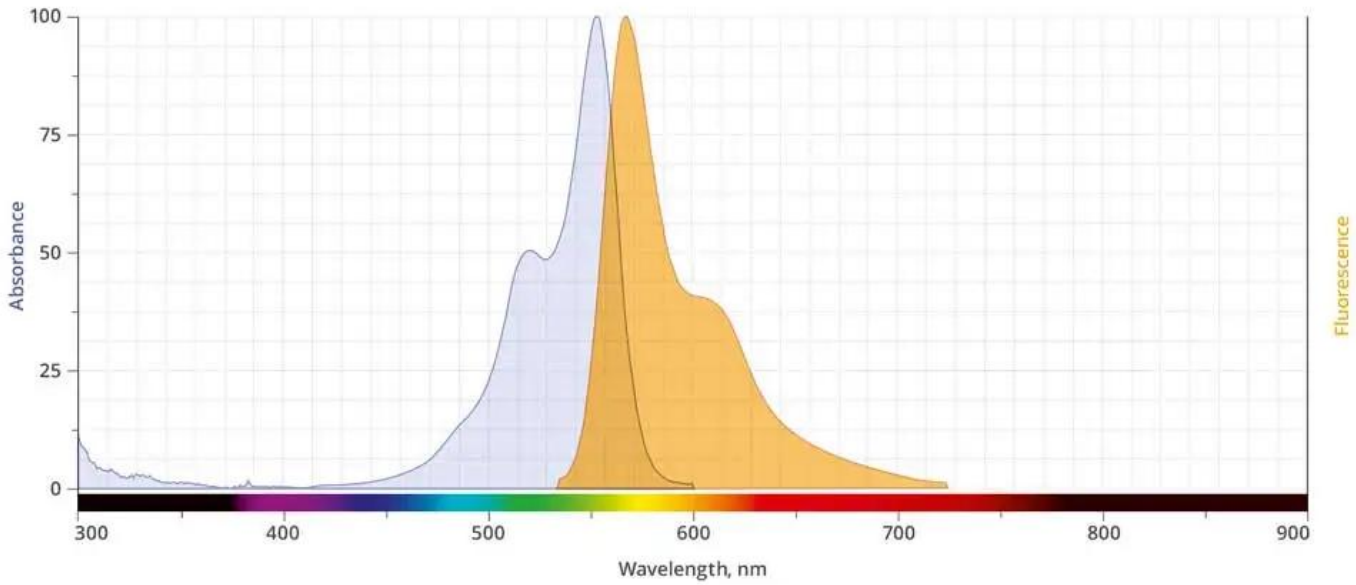
CAS Number	N/A
Molecular Weight	735.91 (protonated)

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Appearance	Red solid
Extinction Coefficient	155,000
Unit Size	150 slides, 1500 slides
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 555, CF® 555, DyLight® 549, Cy3 Dye
Laser Line	532 nm or 555 nm
Excitation/Emission Maximum	555/572 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



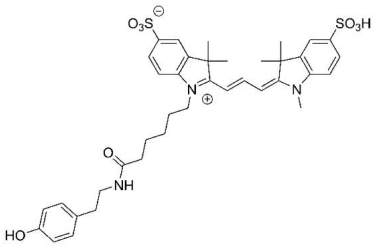
DOCUMENTS

- Safety Data Sheet
- Datasheet

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GALLERY IMAGES



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