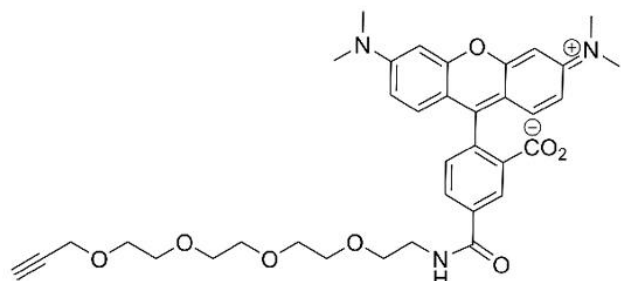




## TAMRA ALKYNE

SKU: CCT-TA108



## DESCRIPTION

The red-fluorescent TAMRA Azide (TAMRA-PEG4-Alkyne) can be reacted with azides via a copper-catalyzed click reaction (CuAAC). TAMRA (tetramethylrhodamine) is a bright fluorescent label is compatible with various excitation sources including mercury arc, tungsten and xenon arc lamps, the 544 nm line of the Helium-Neon laser and the 532 nm green laser line.

## SPECIFICATIONS

<b>CAS Number</b>	N/A
<b>Molecular Weight</b>	643.73
<b>Appearance</b>	Dark red amorphous solid
<b>Extinction Coefficient</b>	92,000
<b>Purity</b>	>95% (HPLC)
<b>Unit Size</b>	1 mg, 5 mg, 25 mg
<b>Solubility</b>	DMSO, DMF
<b>Storage Instructions</b>	-20°C. Desiccate
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 546, Atto™ 543, CF® 543 Dye
<b>Excitation/Emission Maximum</b>	553/575 nm

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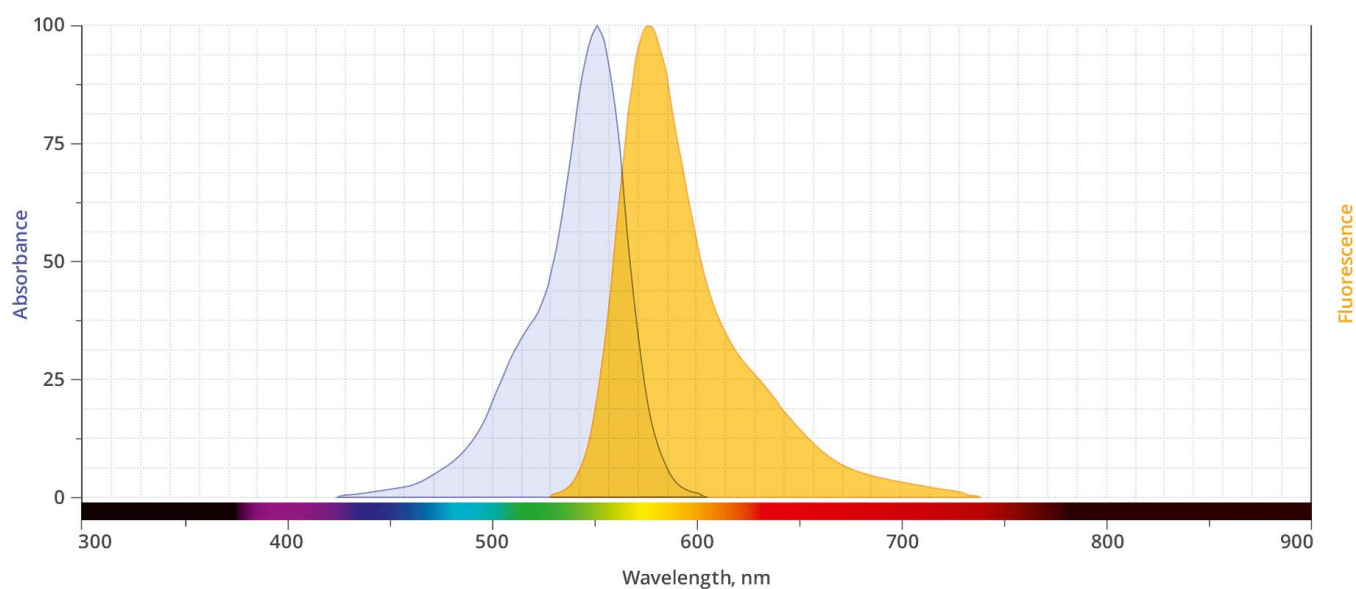
**Shipping Conditions**

Ambient temperature

**Shipping Instructions**

Ambient temperature

## ABS/EM SPECTRA



## SELECTED REFERENCES

1. Sullivan, D. K., *et al.* (2021). Selective Labeling and Identification of the Tumor Cell Proteome of Pancreatic Cancer *In Vivo*. *J Proteome Res.*, **20 (1)**, 858-866. [[PubMed](#)]
2. Pratt Matthew R., *et al.* (2020). Acetylated Chemical Reporters of Glycosylation Can Display Metabolism-Dependent Background Labeling of Proteins but Are Generally Reliable Tools for the Identification of Glycoproteins. *Frontiers in Chemistry*, **8**, 318. [[Frontiers in Chemistry](#)]
3. Ranzinger, R., *et al.* (2020). Mass Spectrometric Method for the Unambiguous Profiling of Cellular Dynamic Glycosylation. *ACS Chem. Biol.*, **15, 10**, 2692-2701. [[ACSPublications](#)]

## DOCUMENTS

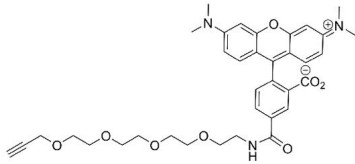
- [Safety Data Sheet](#)

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- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES



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