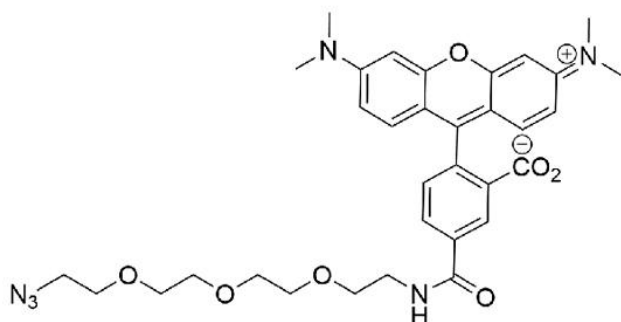




TAMRA AZIDE

SKU: CCT-AZ109



DESCRIPTION

The red-fluorescent TAMRA Azide (TAMRA-PEG4-Azide) can be reacted with terminal alkynes via a copper-catalyzed click reaction (CuAAC). It also reacts with strained cyclooctyne via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures.

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

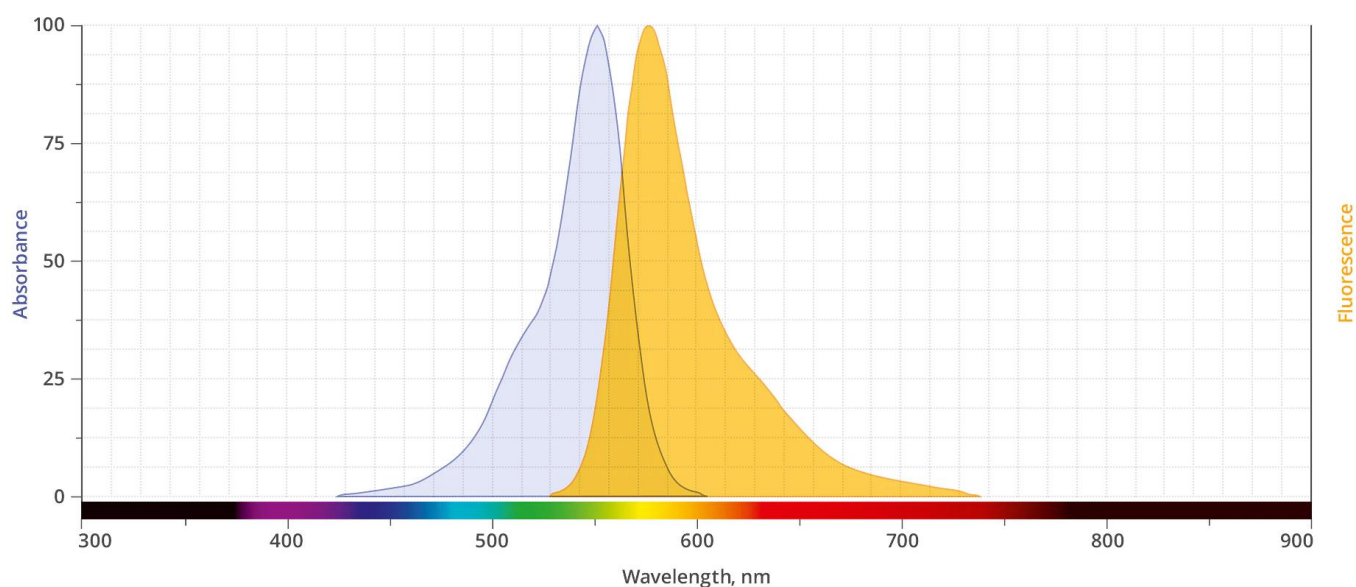
CAS Number	N/A
Molecular Weight	630.7
Appearance	Dark red amorphous solid
Extinction Coefficient	92,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg, 100 mg

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



Solubility	DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 546, Atto™ 543, CF® 543 Dye
Excitation/Emission Maximum	553/575 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



SELECTED REFERENCES

1. David, L. L., et al. (2021). Chemical Proteomics Approach for Profiling the NAD Interactome. *J Am Chem Soc.*, **143** (18), 6787-6791. [[PubMed](#)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)

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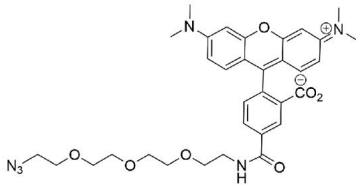
www.vectorlabs.com

Email: customerservice@vectorlabs.com

Telephone: [\(650\) 697-3600](tel:6506973600)

- Datasheet

GALLERY IMAGES



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TAMRA Azide

<https://vectorlabs.com/products/tamra-azide/>