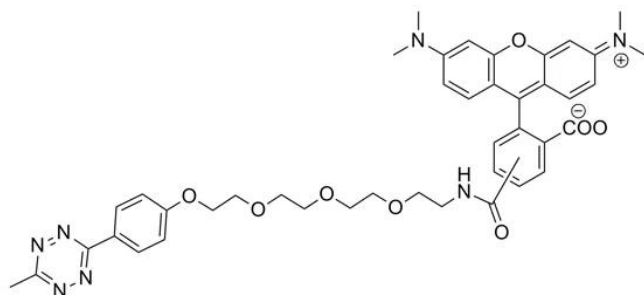




TAMRA METHYLTETRAZINE

SKU: CCT-1026



DESCRIPTION

Methyltetrazine-activated TAMRA dye that reacts with TCO-containing compounds via a Inverse-Electron-Demand Diels-Alder reaction to form a stable covalent bond and does not require Cu-catalyst or elevated temperatures. The inverse-electron demand Diels-Alder cycloaddition reaction of TCO with tetrazines is a bioorthogonal reaction that possesses exceptional kinetics ($k > 800 \text{ M}^{-1} \text{ s}^{-1}$) and selectivity. Such excellent reaction rate constants are unparalleled by any other bioorthogonal reaction pair described to date.

SPECIFICATIONS

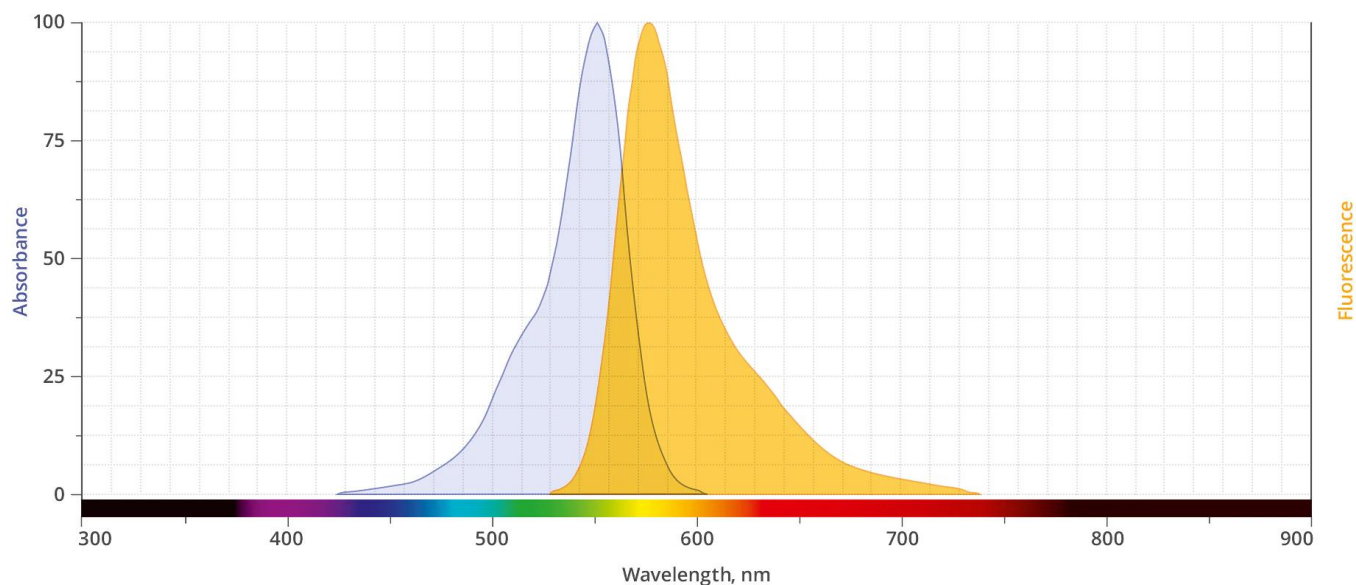
CAS Number	N/A
Molecular Weight	776.83
Appearance	Red amorphous solid
Extinction Coefficient	92,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg
Solubility	DMSO, DMF

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



Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 546, Atto™ 543, CF™ 555 Dye, DyLight™ 549
Laser Line	532, 555, or 568 nm
Excitation/Emission Maximum	553/575 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



DOCUMENTS

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

GALLERY IMAGES

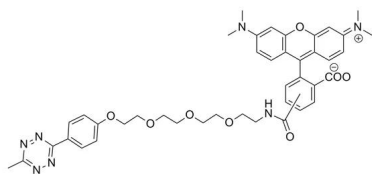
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



www.vectorlabs.com

Email: customerservice@vectorlabs.com

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



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

[TAMRA Methyltetrazine](https://vectorlabs.com/products/tamra-methyltetrazine/)

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