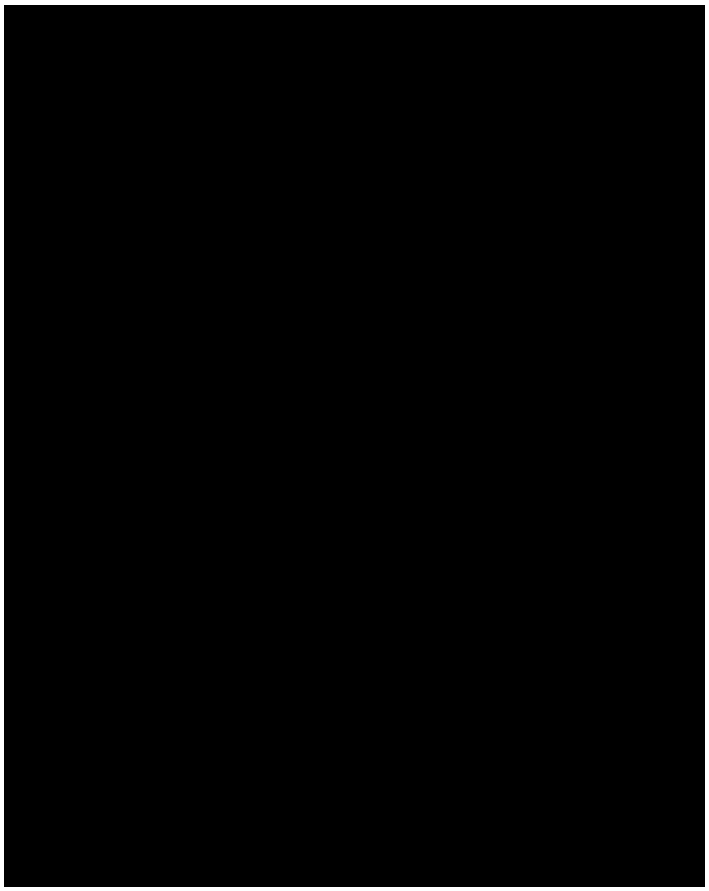
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 594 TETRAZINE

SKU: CCT-1364



DESCRIPTION

A bright, red-fluorescent probe used for detection TCO-tagged biopolymers. AZDye 594 Tetrazine demonstrates exceptionally fast cycloaddition kinetics (up to 30 000 M^{-1} s^{-1}) with *trans*-cyclooctenes (TCO) as the dienophile, the fastest kinetics ever reported for any bioorthogonal reaction. In applications such as in vivo cancer imaging or pre-targeted cell labeling studies where rapid reaction kinetics is a must AZDye 594 Tetrazine probe would of great value.

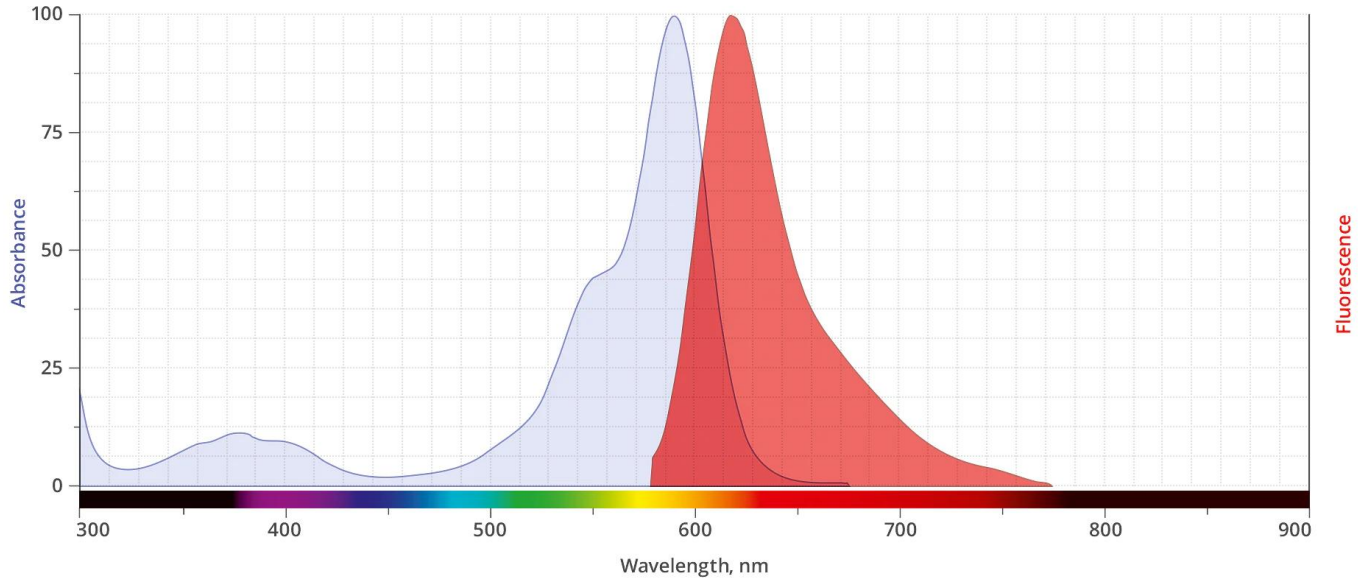
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Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

SPECIFICATIONS

Molecular Weight	892.98
Appearance	Red solid
Extinction Coefficient	92,000
Unit Size	1 mg, 5 mg, 25 mg
Solubility	Water, MeOH, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 594, Atto™ 594, CF™ 594 Dye, DyLight™594
Excitation/Emission Maximum	590/617 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



SELECTED REFERENCES

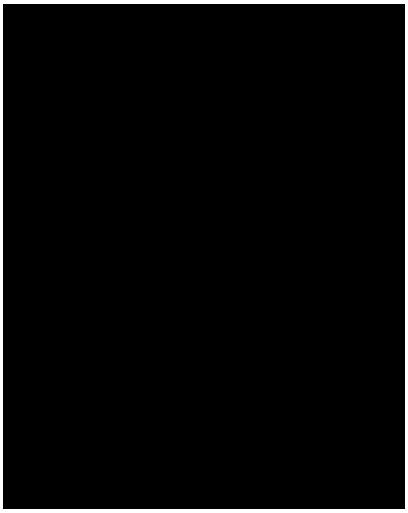
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1. Marquard, A.N., *et al.* (2020). Expanding the Scope of Antibody Rebridging with New Pyridazinedione-TCO Constructs. *Bioconjug Chem.*, **31(6)**, 1616-23. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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