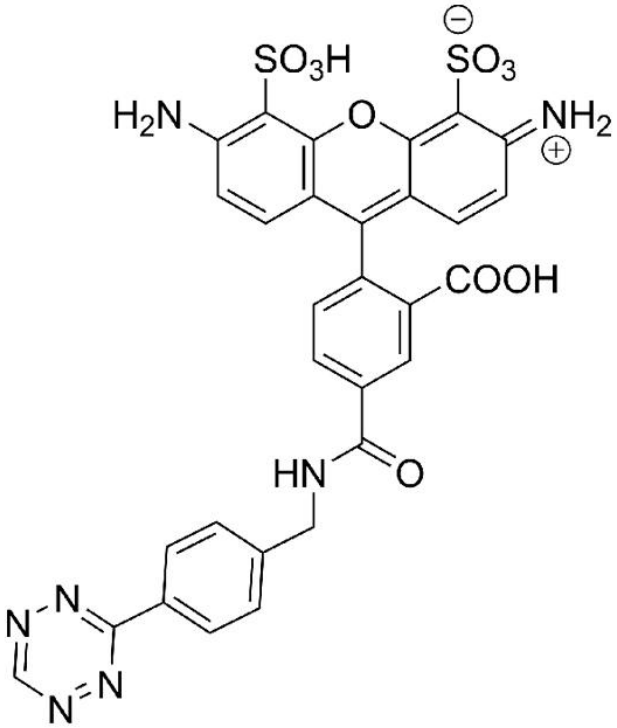
www.vectorlabs.com
e: customerservice@vectorlabs.com
t: (650) 697-3600

AZDYE 488 TETRAZINE

SKU: CCT-1361

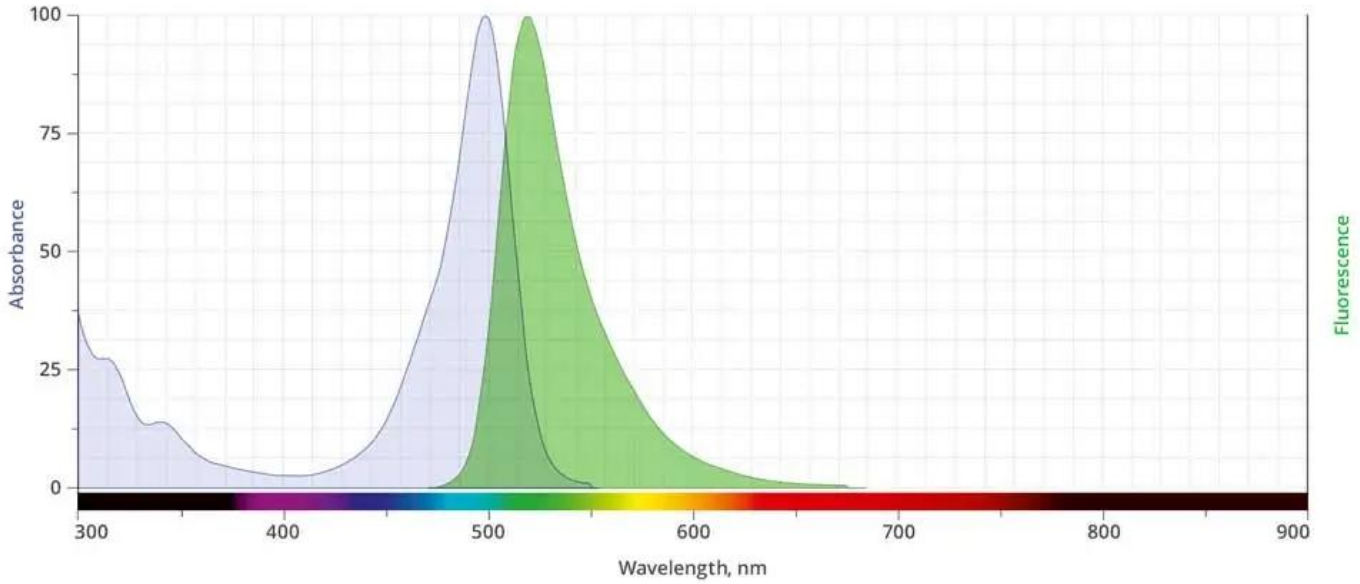


Description

A bright, green-fluorescent probe used for detection TCO-tagged biopolymers. AZDye 488 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 488 Tetrazine probe would of great value.

For research use only. Not intended for animal or human therapeutic or diagnostic use.

www.vectorlabs.com
e: customerservice@vectorlabs.com
t: (650) 697-3600



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	493/517 nm
Extinction Coefficient	83,000
Flow Cytometry Laser Line	488 nm
Microscopy Laser Line	488 nm
Spectrally Similar Dyes	Alexa Fluor® 488, Atto™ 488, CF™ 488 Dye, DyLight™488
Molecular weight	703.66
CAS	N/A
Solubility	Water, MeOH, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Red solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature