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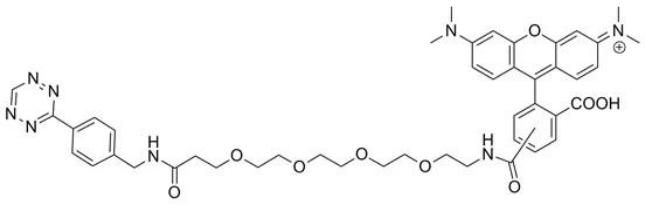
TAMRA TETRAZINE

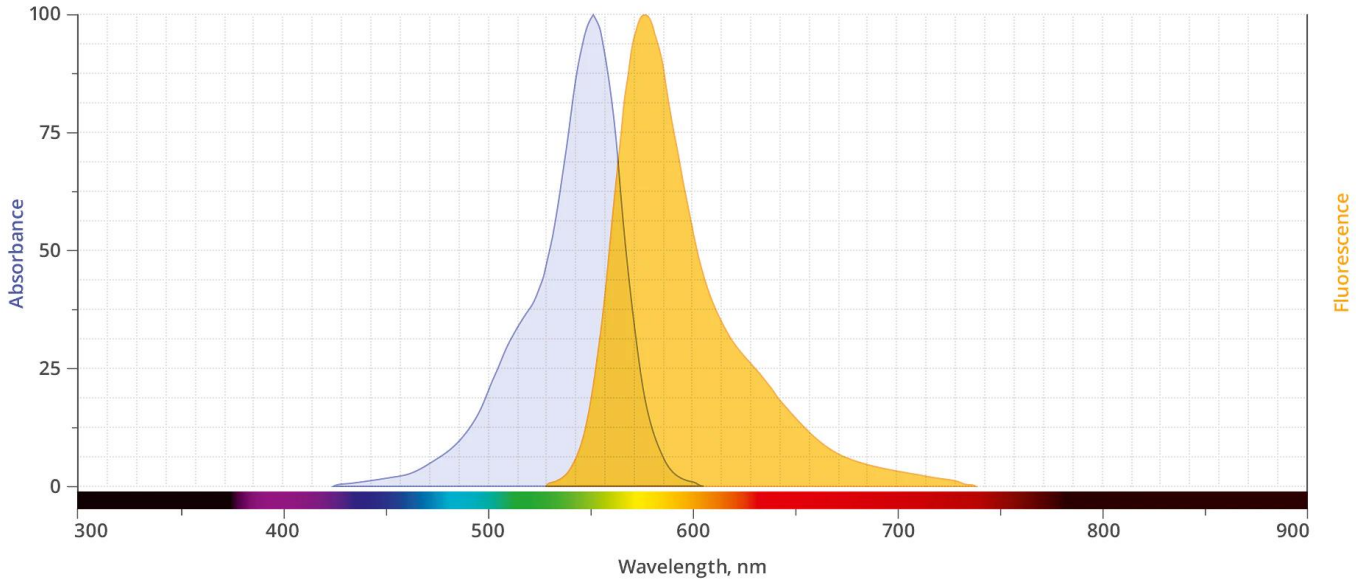
SKU: CCT-1196



Description

Terazine-activated TAMRA dye 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 and selectivity. Such excellent reaction rate constants are unparalleled by any other bioorthogonal reaction pair described to date.

Abs/Em Spectra



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Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	553/575 nm
Extinction Coefficient	92,000
Flow Cytometry Laser Line	532, or 555 nm
Microscopy Laser Line	532, or 555 nm
Spectrally Similar Dyes	Alexa Fluor® 555, CF® 555 Dye, DyLight®549
Molecular weight	846.92
CAS	N/A
Solubility	DMSO, DMF
Appearance	Red solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
