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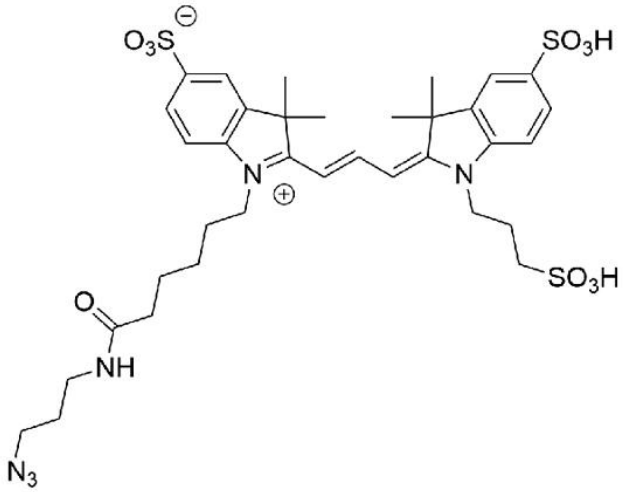
CY3 AZIDE

SKU: CCT-AZ119



Description

Cy3 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. This red fluorescent probe is water-soluble, and its fluorescence is pH-insensitive from pH 4 to pH 10. Its excitation peak is ideally suited for the 532 nm or 555 nm laser lines and its absorption and emission spectra are almost identical to those of Alexa Fluor® 555, CF® 555 Dye or any other Cyanine3 based fluorescent dyes.

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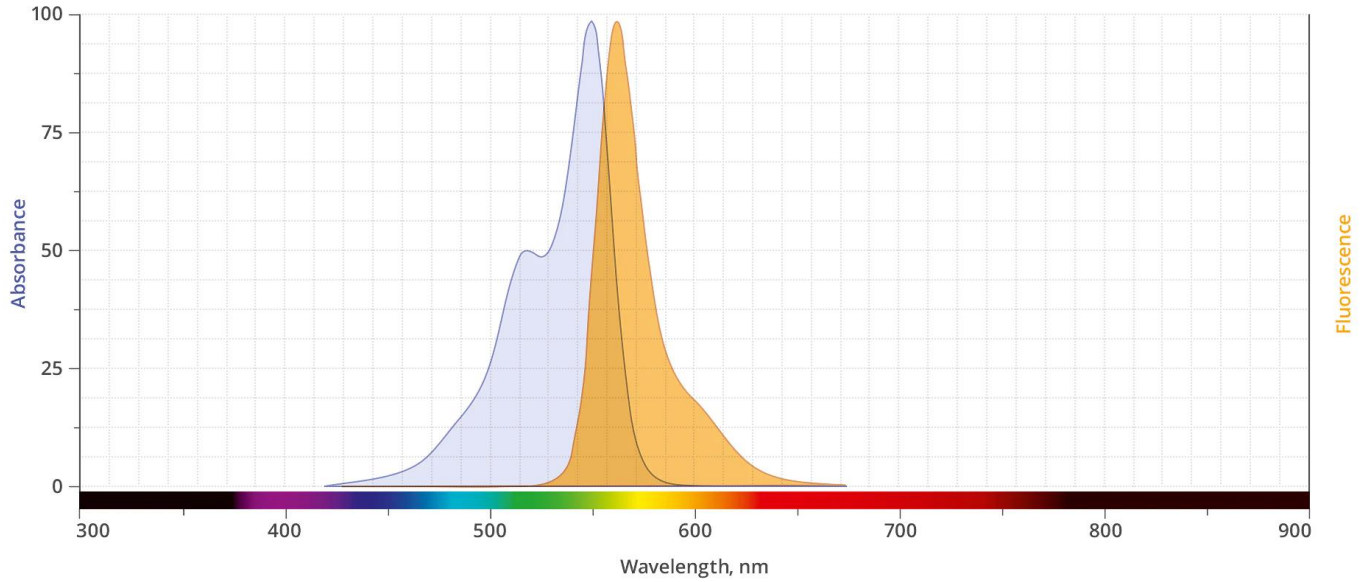

Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Abs/Em Maxima	553/569 nm
Extinction Coefficient	150,000
Flow Cytometry Laser Line	532, 555 or 568 nm
Microscopy Laser Line	532 or 555 nm
Spectrally Similar Dyes	Alexa Fluor® 555, Atto™ 555, CF® 555 Dye, DyLight®549
Molecular weight	806.96 (protonated)
CAS	1782950-79-1
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Red solid
Storage Conditions	-20°C. Desiccate

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