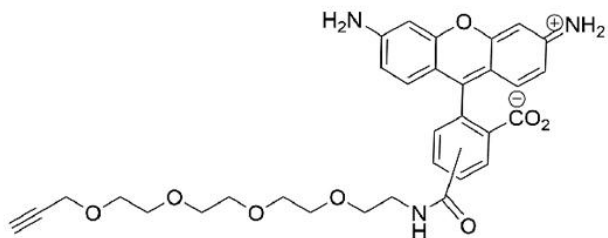


CARBOXYRHODAMINE 110 ALKYNE

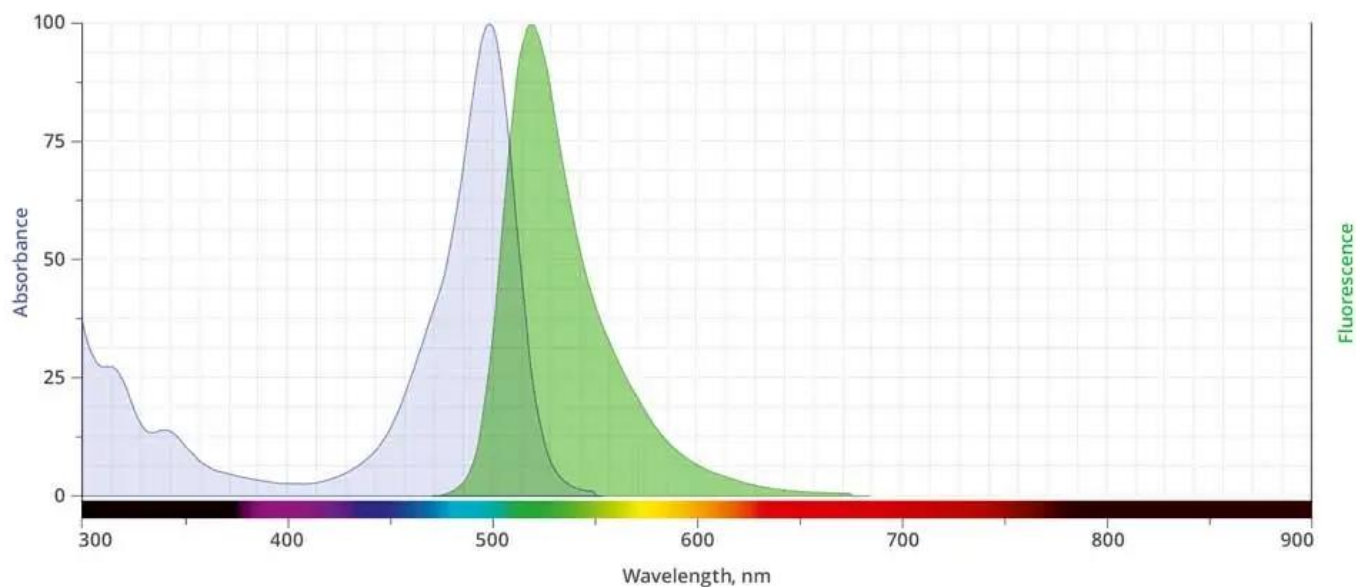
SKU: CCT-TA106



Description

5(6)-Carboxyrhodamine 110 Alkyne is green-fluorescent probe that reacts with terminal alkynes via a copper-catalyzed click reaction (CuAAC) forming a stable triazole and does not require elevated temperatures.

5(6)-Carboxyrhodamine 110 (also known as Rhodamine Green) is the nonsulfonated analog of the Alexa Fluor® 488 dye with excitation/emission maxima ~502/527 nm. Carboxyrhodamine 110 is bright photostable and pH-insensitive from pH 4 to pH 10 fluorescent dye. This probe can be used with the 488 nm line of argon-ion laser and standard FITC filter set.



Abs/Em Spectra

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

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	501/523 nm
Extinction Coefficient	74,000
Flow Cytometry Laser Line	488 nm
Microscopy Laser Line	488 nm
Spectrally Similar Dyes	Fluorescein, Alexa Fluor® 488, DyLight® 488
Molecular weight	588.63
CAS	N/A
Solubility	DMSO, DMF
Purity	>95% (HPLC)
Appearance	Red solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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