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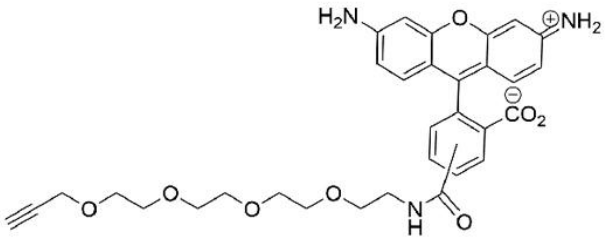
CARBOXYRHODAMINE 110 ALKYNE

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 emperatures.

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.

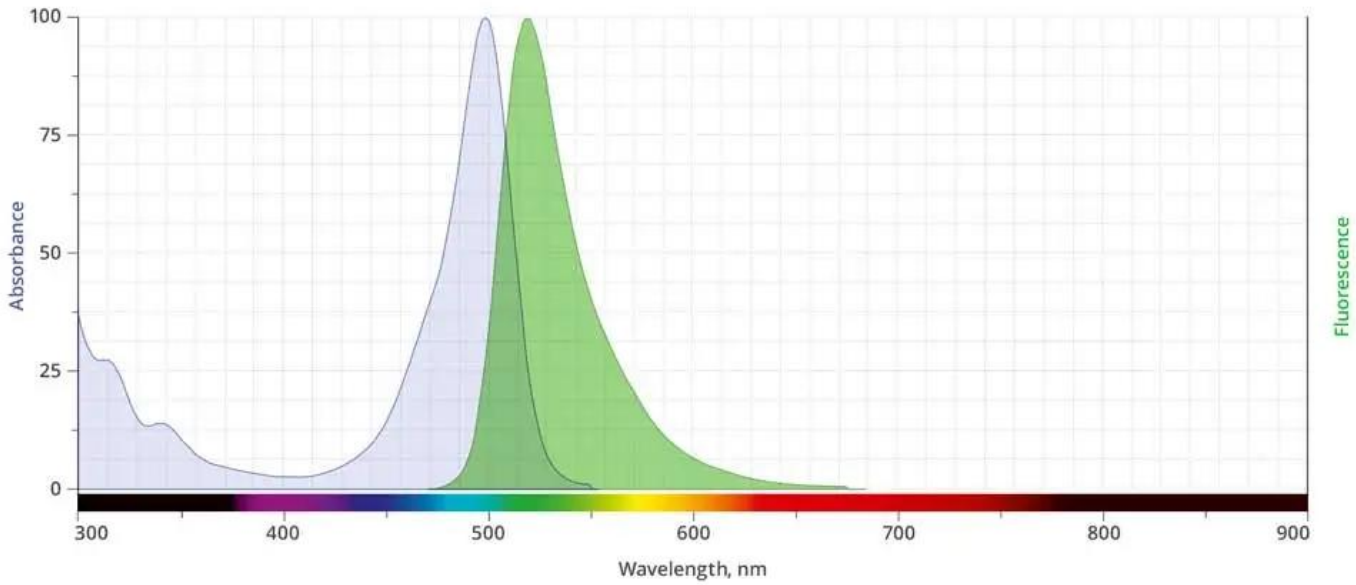
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	588.63
Appearance	Red solid
Extinction Coefficient	74,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C. Desiccate

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

Spectrally Similar Dyes	Fluorescein, Alexa Fluor® 488, DyLight® 488
Laser Line	488 nm
Excitation/Emission Maximum	501/523 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



SELECTED REFERENCES

1. Brito, I. L., *et al.* (2019). Chemoproteomic Profiling of Gut Microbiota-Associated Bile Salt Hydrolase Activity. *ACS Cent Sci.*, **5 (5)**, 867-873. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

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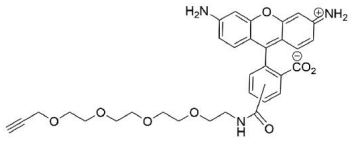
GALLERY IMAGES



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