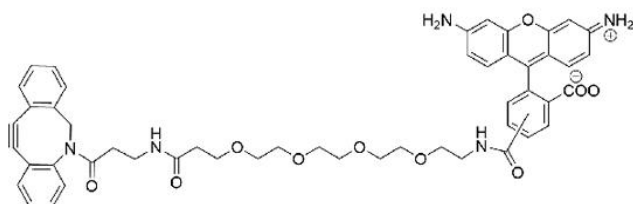




CARBOXYRHODAMINE 110 DBCO

SKU: CCT-A127



DESCRIPTION

Carboxyrhodamine 110 DBCO is an azide reactive probe used for imaging azide-tagged biomolecules via a copper-free “click reaction”. DBCO moiety reacts with azides to form a stable triazole and does not require Cu-catalyst or elevated temperatures allowing detection of azide-tagged biomolecules under mild conditions. In application where the presence of copper is a concern Carboxyrhodamine110 DBCO is an ideal alternative to copper requiring fluorescent alkynes.

Carboxyrhodamine110, a non-sulfonated version of Alexa Fluor® 488, is a bright, and highly photostable, green-fluorescent probe optimally excited by the 488 nm laser line. Its absorption/emission spectra is a similar to those of DyLight® 488, Alexa Fluor® 488.

Carboxyrhodamine110 DBCO reagent is not suitable for staining intracellular components of fixed and permeabilized cells due to high backgrounds.

SPECIFICATIONS

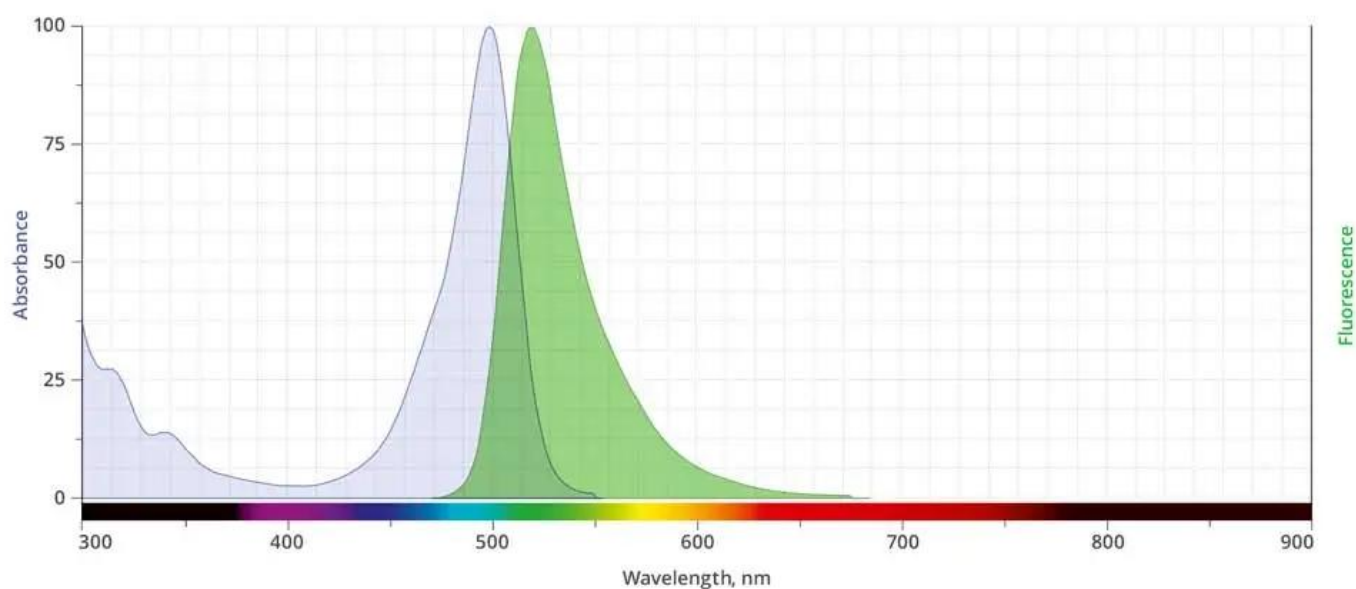
CAS Number	N/A
Molecular Weight	880.96
Appearance	Red solid
Extinction Coefficient	74,000
Purity	>95% (HPLC)

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



Unit Size	1 mg, 5 mg, 25 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C. Desiccate
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



DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

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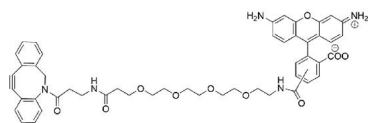


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GALLERY IMAGES



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[Carboxyrhodamine 110 DBCO](https://vectorlabs.com/products/carboxyrhodamine-110-dbco/)

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