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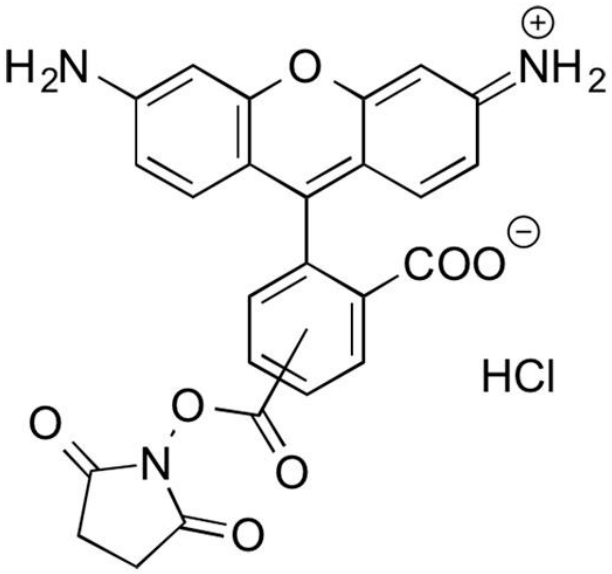
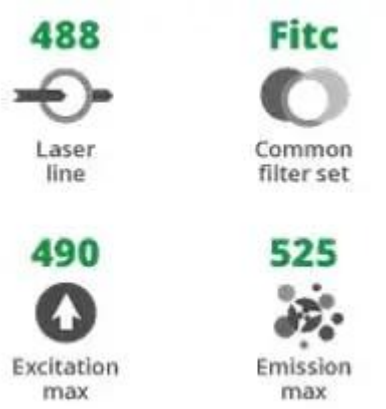
5(6)-CARBOXYRHODAMINE 110 NHS ESTER

SKU: FP-1201



DESCRIPTION



5(6)-Carboxyrhodamine 110 NHS Ester (also known as Rhodamine Green™ Carboxylic Acid,

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Succinimidyl Ester, Hydrochloride or 5(6)-CR 110, SE) is the nonsulfonated analog of the Alexa Fluor® 488 dye. The amine-reactive 5(6)-Carboxyrhodamine 110 NHS Ester can be used to create bright and photostable green-fluorescent bioconjugates with excitation/emission maxima ~502/527 nm.

The conjugates of this dye often used for Fluorescence Correlation Spectroscopy (FCS). For many applications, 5(6)-Carboxyrhodamine 110 NHS Ester is preferred over 5-(6)-carboxyfluorescein NHS ester or FITC because of its exceptional photostability and fluorescence insensitivity to pH (4-9).

SPECIFICATIONS

Molecular Weight	471.43
Extinction Coefficient	76,000 cm-1M-1
Reactivity	Primary amine
Unit Size	5 mg, 25 mg, 100 mg
Solubility	DMSO, DMF
Storage Instructions	-50°C to -85°C
Spectrally Similar Dyes	Alexa Fluor® 488, DyLight® 488, Fluorescein, Oregon Green 488
Excitation/Emission Maximum	502/527 nm
Shipping Conditions	Dry ice
Shipping Instructions	Dry ice

ABS/EM SPECTRA

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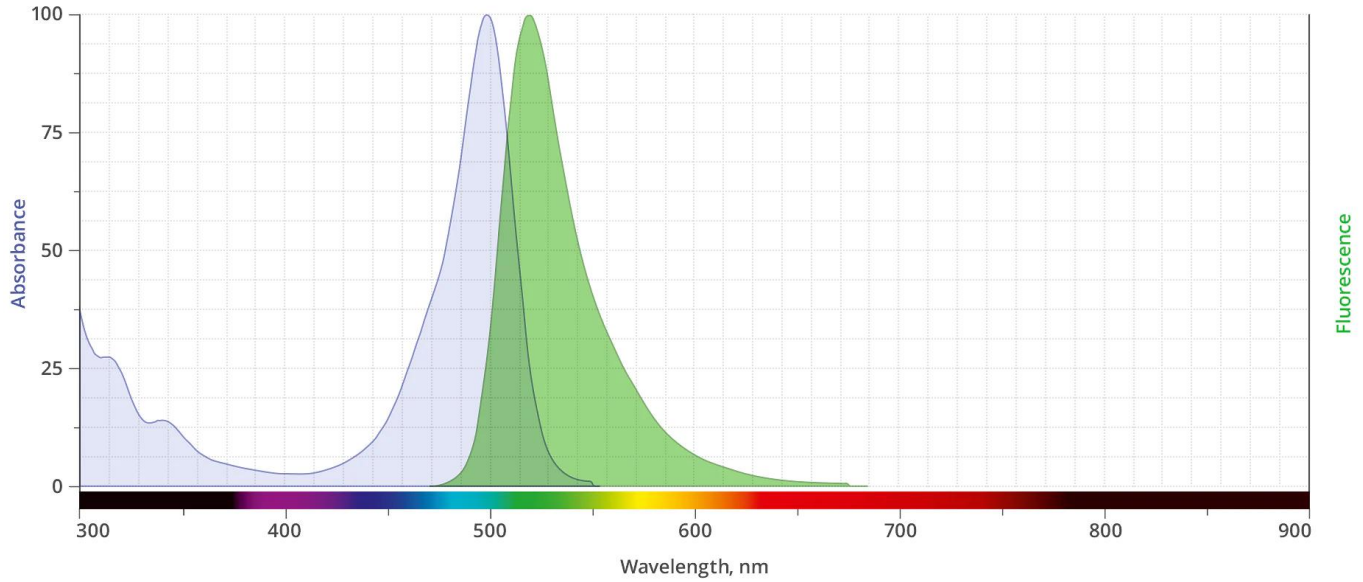
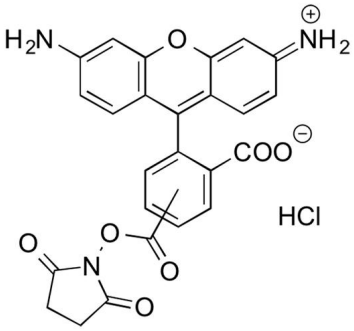


DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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