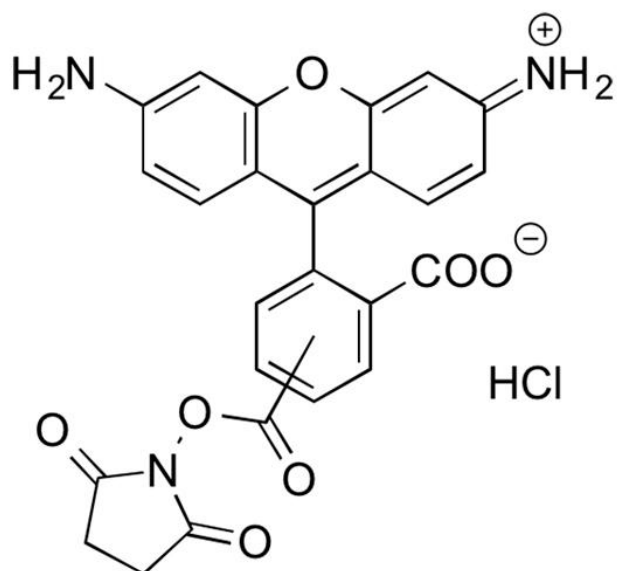




5(6)-CARBOXYRHODAMINE 110 NHS ESTER

SKU: FP-1201



DESCRIPTION

488



Laser
line

Fitc



Common
filter set

490



Excitation
max

525



Emission
max

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.

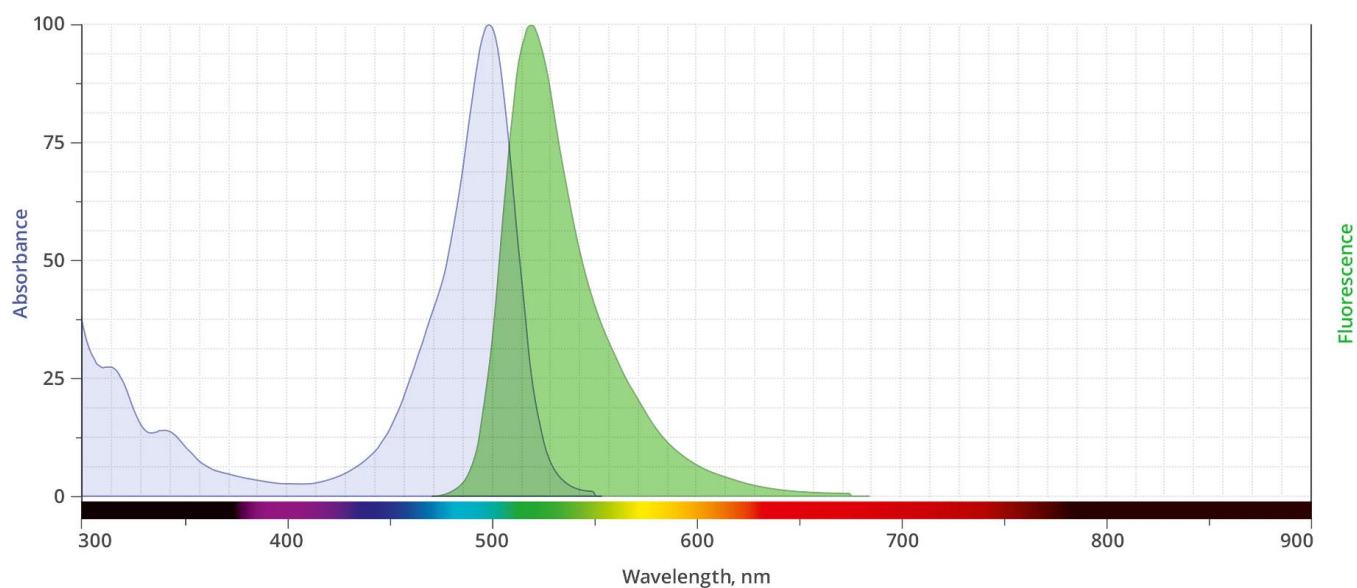
The conjugates of this dye often used for Fluorescence Correlation Spectroscopy (FCS). For many applications, 5(6)-Carboxyrhodamine 110 NHS Ester is preferred over 5-(6)-carboxyfluorescein NHS ester or FITC because of its exceptional photostability and fluorescence insensitivity to pH (4-9).

SPECIFICATIONS

Molecular Weight	471.43
Extinction Coefficient	76,000 cm ⁻¹ M ⁻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

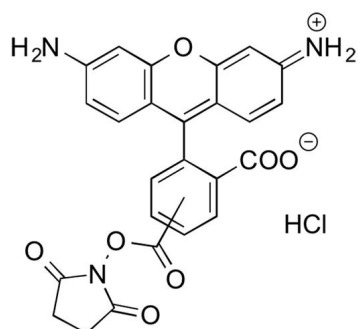
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DOCUMENTS

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

GALLERY IMAGES



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