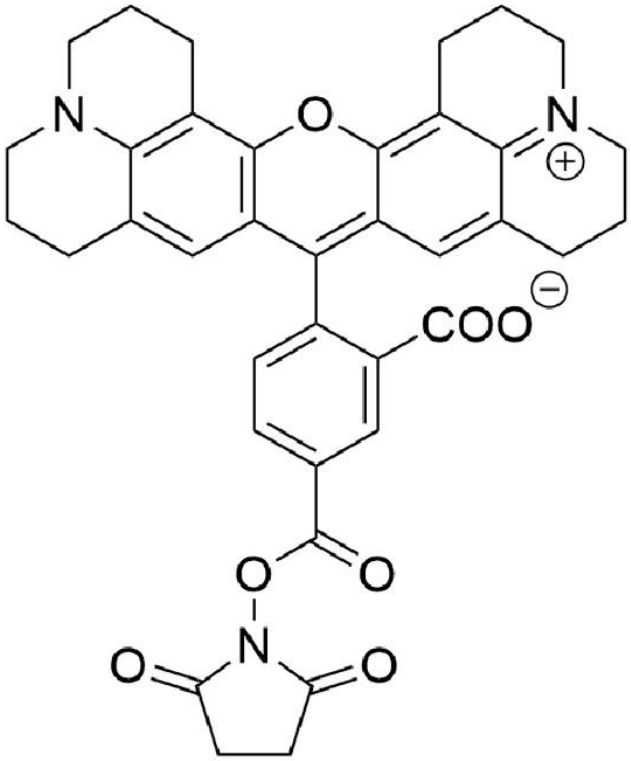
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

5-ROX NHS ESTER

SKU: FP-1274



DESCRIPTION

5-Carboxy-X-rhodamine N-succinimidyl ester (5-ROX NHS Ester) is used as an amine coupling reagent to form 5-carboxy-X-rhodamine (ROX) derivatized compounds such as proteins, nucleic acids and drugs that may be analyzed by fluorescence resonance energy transfer (FRET) and fluorescence quenching applications. Labeling reagent for preparation of charge-modified dye-labeled ddNTPs to “direct-load” DNA sequencing. Conjugates of this dye have longer-wavelength spectra than the spectra of Lisaamine™ rhodamine B conjugates, but somewhat shorter-wavelength spectra than those of Texas Red™ conjugates.

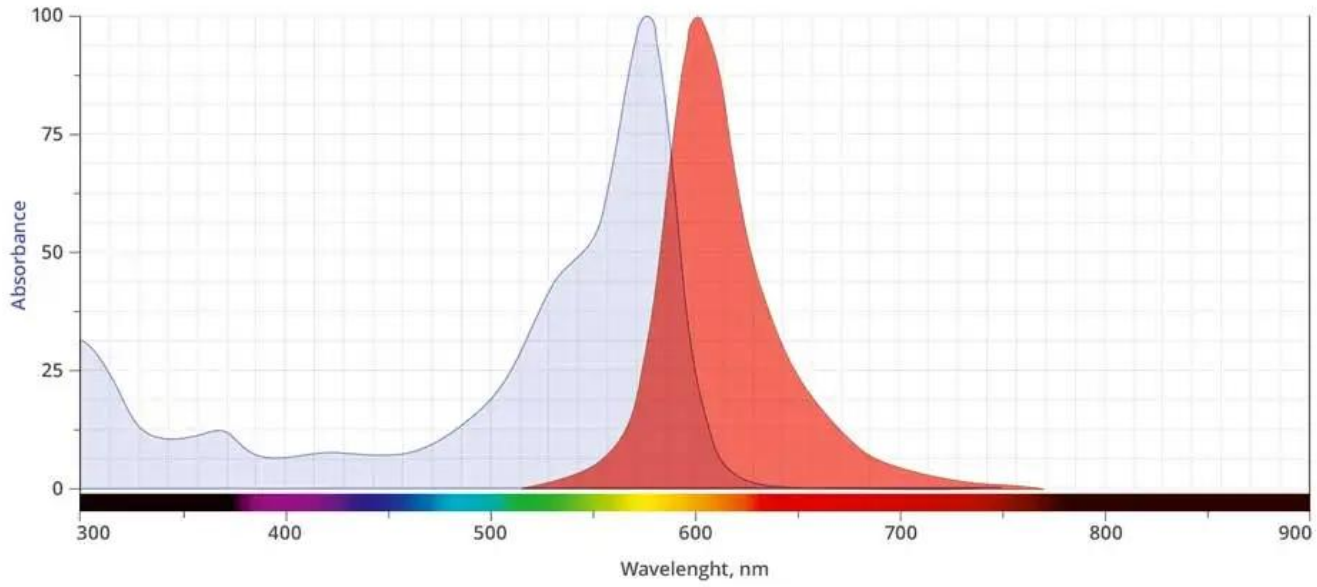
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SPECIFICATIONS

CAS Number	209734-74-7
Molecular Weight	631.69
Extinction Coefficient	93,000 cm-1M-1
Reactivity	Primary amines
Unit Size	25 mg, 100 mg, 1000 mg
Solubility	DMSO, DMF, MeOH
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 568, TAMRA, CF™ 568
Excitation/Emission Maximum	582/606 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



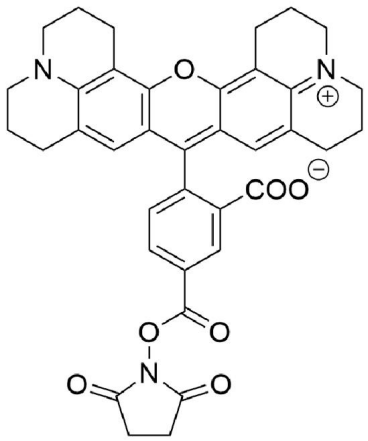
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DOCUMENTS

- Safety Data Sheet
- Datasheet

GALLERY IMAGES



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