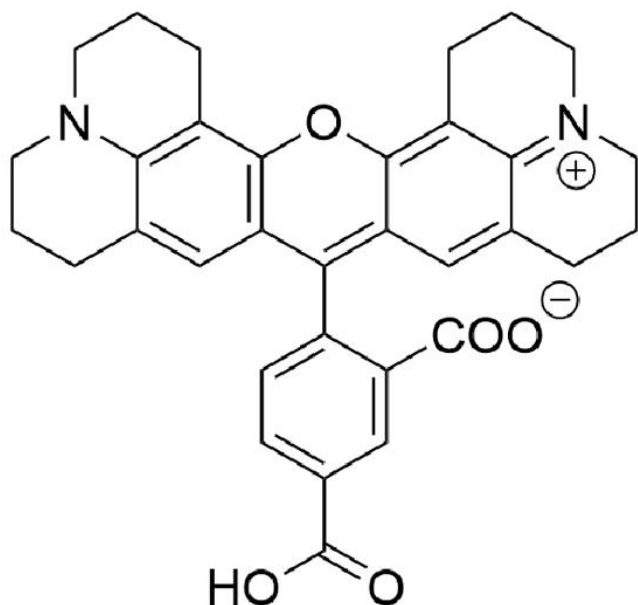


5-ROX (5-CARBOXY-X-RHODAMINE)

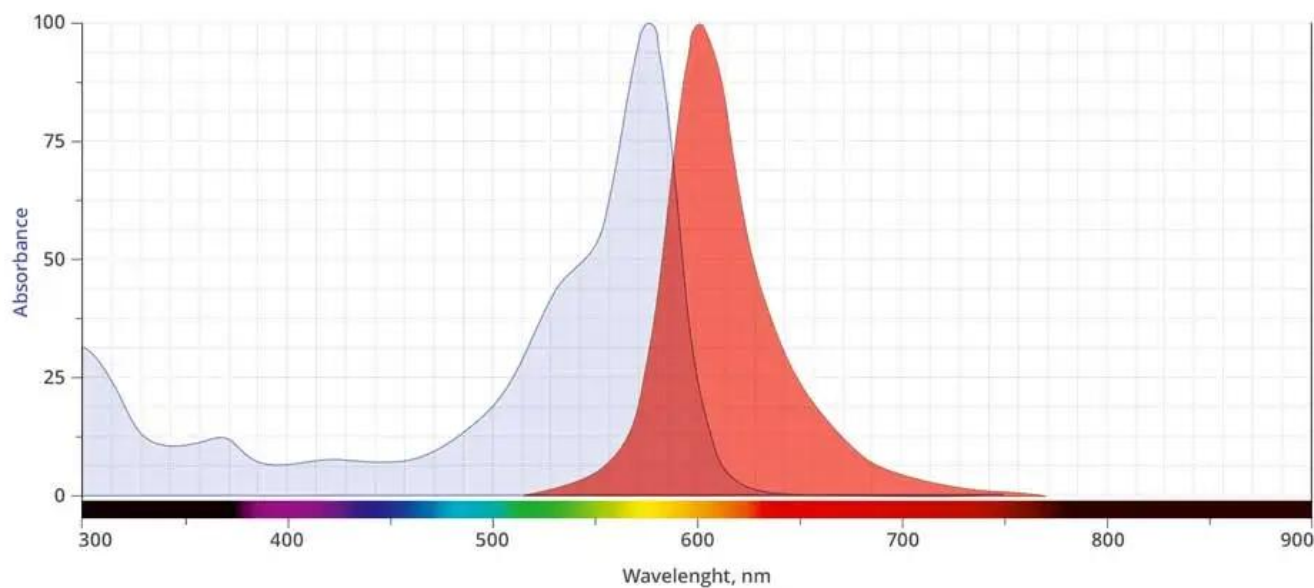
SKU: FP-1271



Description

The carboxylic acid of 5-ROX is used for oligonucleotide labeling and automated DNA sequencing applications. Often a dye of choice for fluorescence resonance energy transfer (FRET) and fluorescence quenching applications. 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.

For research use only. Not intended for animal or human therapeutic or diagnostic use.



Abs/Em Spectra

Specifications

Unit Size	25 mg, 100 mg, 1000 mg
Reactivity	Primary amines
Abs/Em Maxima	570/591 nm
Extinction coefficient	93,000 cm ⁻¹ M ⁻¹
Solubility	DMSO, DMF, MeOH
Spectrally similar dyes	Alexa Fluor® 568, TAMRA, CF™ 568
CAS	216699-35-3
Molecular weight	534.61
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

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