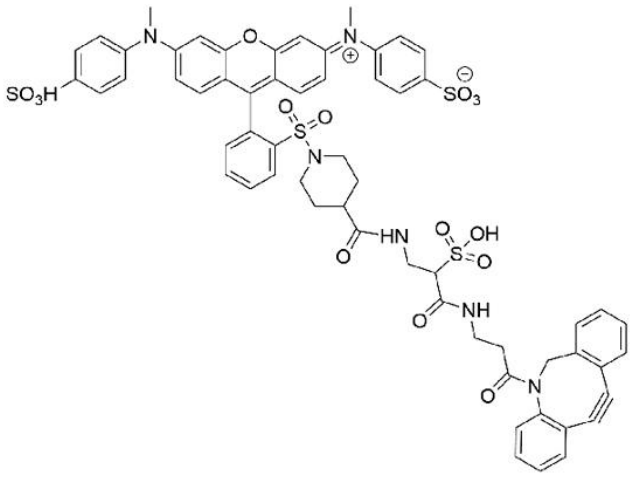
www.vectorlabs.com
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SY-9 DBCO

SKU: FP-1709



DESCRIPTION

SY-9 (QSY®-9 equivalent) is a more hydrophilic version of the popular SY-7 dark quencher (QSY®-7 equivalent). This nonfluorescent acceptor dye is often used for the preparation of peptide FRET probes. A broad and intense quenching range from 500-600 nm makes it useful as an acceptor in fluorescence resonance energy transfer (FRET) applications in conjunction with dyes emitting at 500 nm to 600 nm, such as Fluorescein, Oregon Green, Carboxyrhodamine 110 (Rhodamine Green), Alexa Fluor® 488, 532, 546, 555, 568, Cy3, TAMRA and ROX dyes.

SY-9 DBCO reacts with azides via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures.

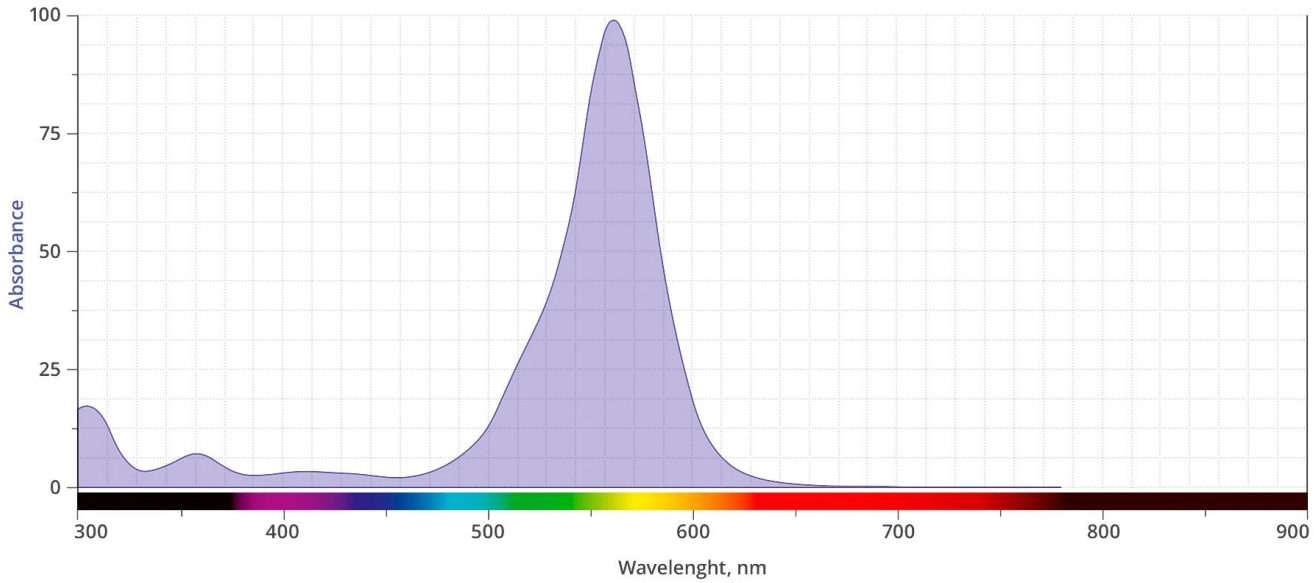
SPECIFICATIONS

Molecular Weight	1227.36
Extinction Coefficient	85,000 cm-1M-1

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

Reactivity	Primary amine
Unit Size	5 mg, 25 mg, 100 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Carboxyrhodamine 110 (Rhodamine Green), Alexa Fluor® 488, 532, 546, 555, 568, Cy3, TAMRA and ROX
Excitation/Emission Maximum	560 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



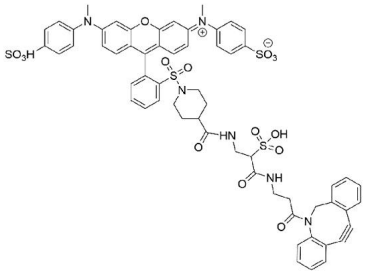
DOCUMENTS

- Safety Data Sheet
- Datasheet

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GALLERY IMAGES



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