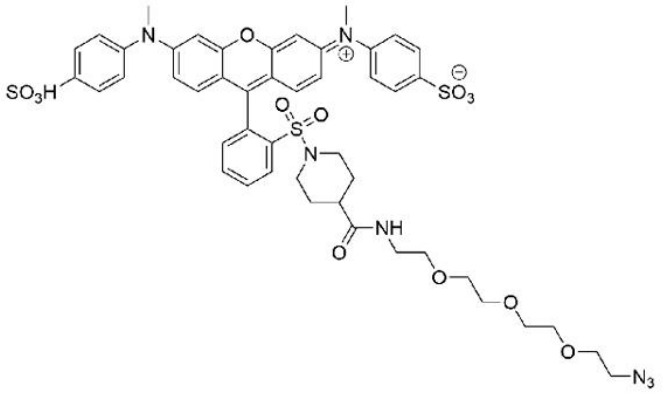
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

SY-9 AZIDE

SKU: CCT-1586



DESCRIPTION

SY-9 is a more hydrophilic version of the popular SY-7 dark quencher. 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 Azide can be reacted with terminal alkynes via a copper-catalyzed click reaction (CuAAC). It also reacts with strained cyclooctyne via a copper-free “click chemistry” reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures.

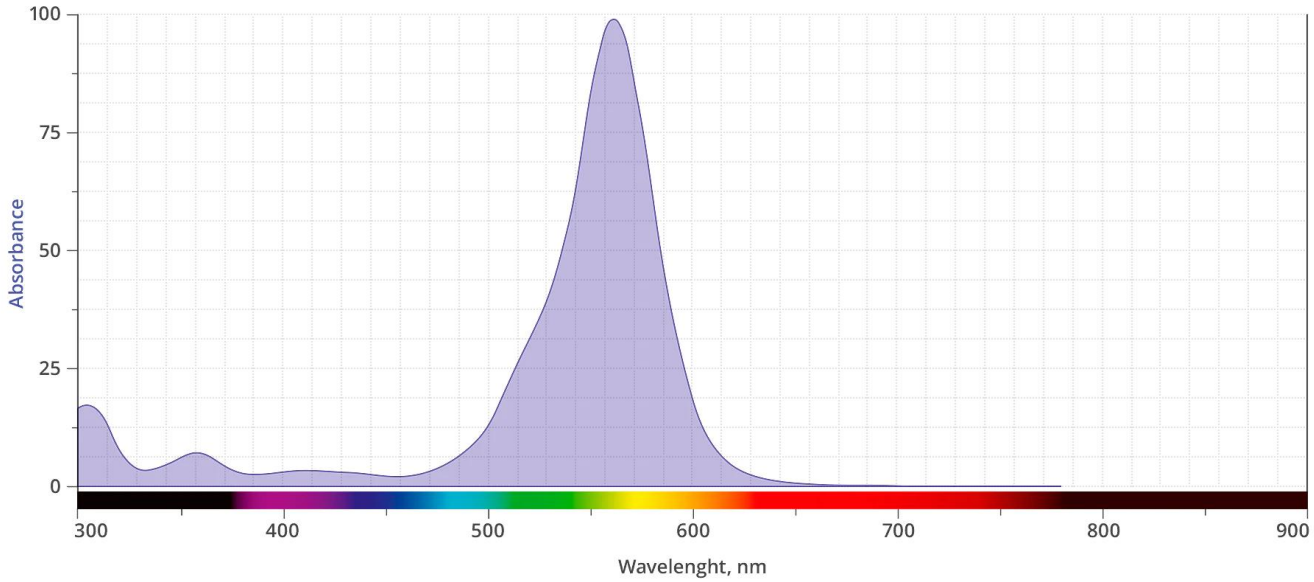
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1018.14
Appearance	Dark blue solid

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

Extinction Coefficient	85,000 cm-1M-1
Unit Size	1 mg, 5 mg, 100 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Carboxyrhodamine 110 (Rhodamine Green), Alexa Fluor® 488, 532, 546, 555, 568, Cy3, TAMRA and ROX
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



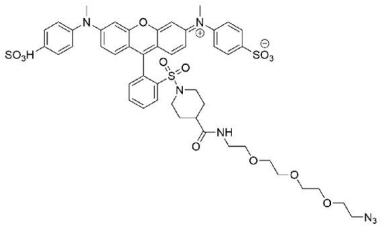
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

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

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

GALLERY IMAGES



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