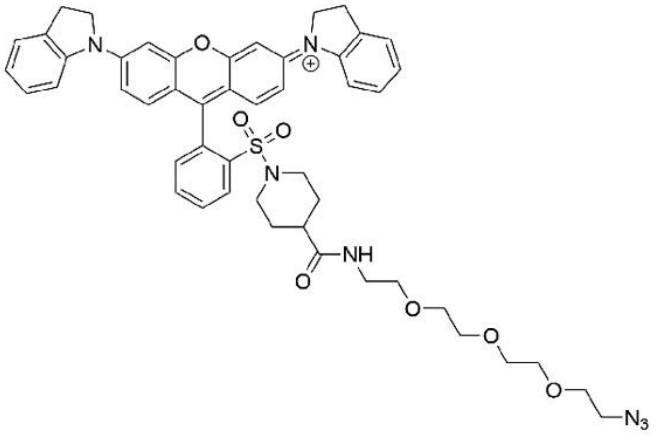
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

SY-21 AZIDE

SKU: CCT-1587



DESCRIPTION

SY-21 Azide is a nonfluorescent acceptor dye often used for preparation of peptide and oligonucleotide FRET probes. A broad and intense quenching range from 580 nm to 680 nm makes it useful as an acceptor in fluorescence resonance energy transfer (FRET) applications in conjunction with fluorescent dyes at 580 nm to 680 nm, such as Fluorescein, Alexa Fluor® 568, 594, 633, 647, TAMRA, ROX, Texas Red and Cy5.

SY-21 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.

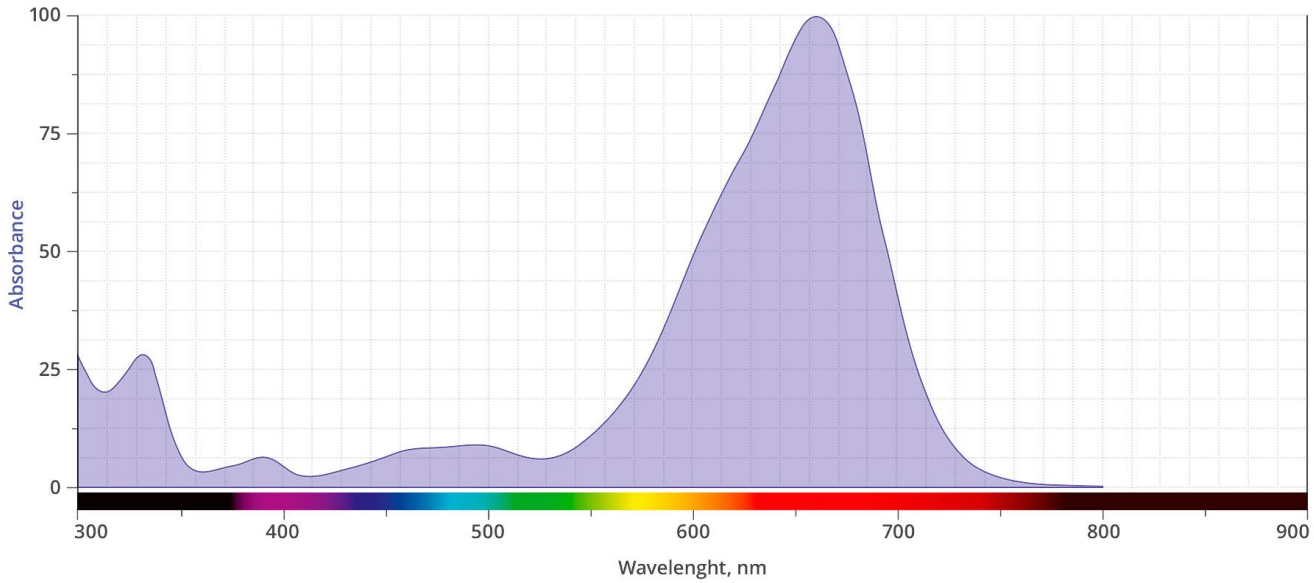
SPECIFICATIONS

CAS Number	N/A
Molecular Weight	883.06
Appearance	Dark blue solid

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

Extinction Coefficient	90,000 cm-1M-1
Unit Size	5 mg, 25 mg, 100 mg
Solubility	DMSO, DMF
Storage Instructions	-20°C. Desiccate
Excitation/Emission Maximum	661 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature
Spectrally Compatible Dyes	Alexa Fluor® 568, 594, 633, 647, TAMRA, ROX, Texas Red, Cy5.

ABS/EM SPECTRA



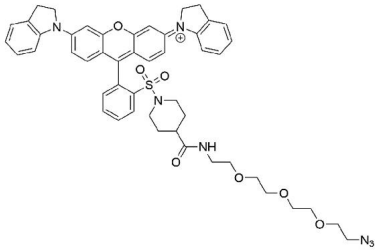
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

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