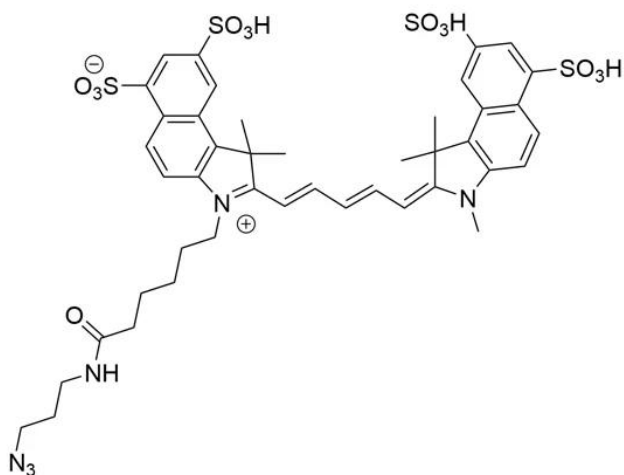




Email: customerservice@vectorlabs.com

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SKU: CCT-1059



The NIR-fluorescent Cy5.5 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.

Cy5.5 Azide is a bright and photostable near-IR probe that spectrally similar to Alexa Fluor® 680, DyLight® 680, and IRDye® 680 dye. The Cy5.5 Azide is water-soluble, hydrophilic dye often a reagent of choice for assay where minimal non-specific binding and exceptional brightness is required. The fluorescence of Cy5.5 Azide is pH insensitive from pH 4 to pH 10 and produces minimal autofluorescence of biological specimens in this region of the spectrum. Fluorescence of this long-wavelength Cyanine dye is not visible to the human eye but is readily detected by most imaging systems.

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

Cy5.5 Azide

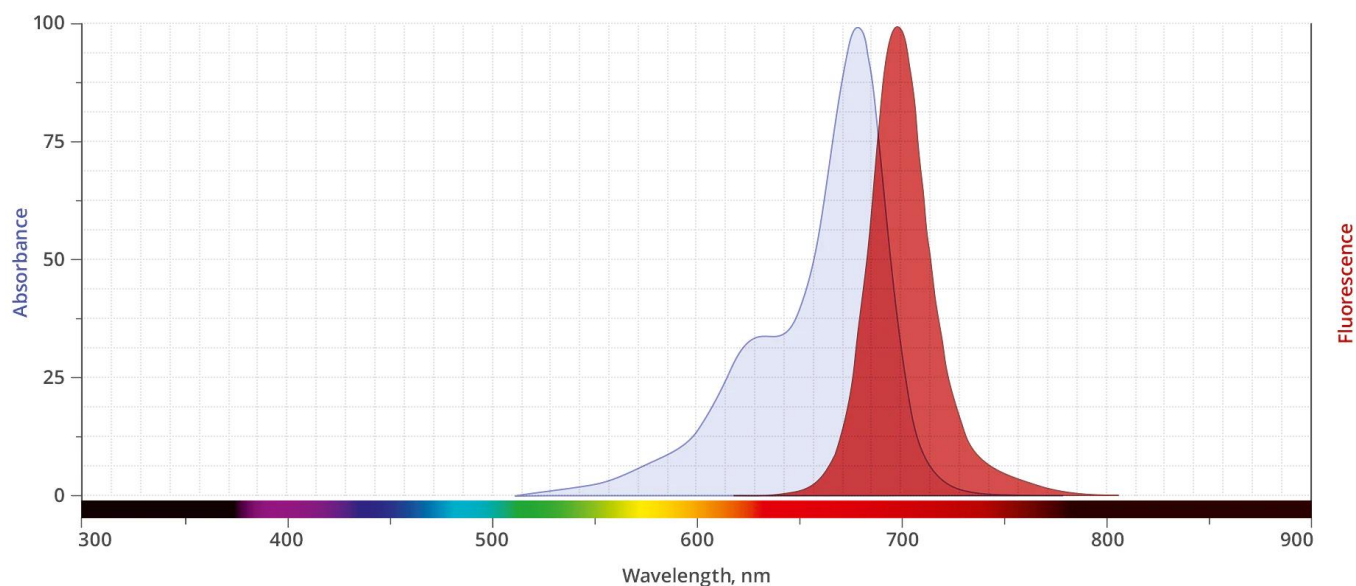
<https://vectorlabs.com/products/cy5-5-azide/>



SPECIFICATIONS

CAS Number	N/A
Molecular Weight	985.13
Appearance	Blue solid
Extinction Coefficient	190,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 680, IRDye® 680RD, DyLight® 680
Excitation/Emission Maximum	678/694 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



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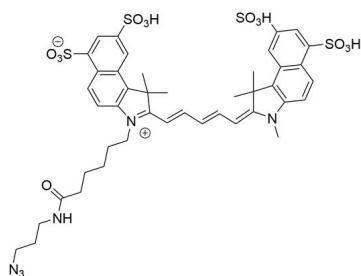
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DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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Cy5.5 Azide

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