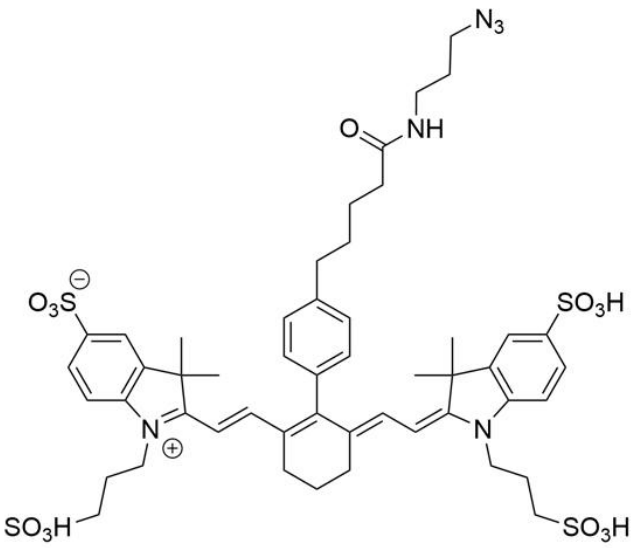
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Telephone: (650) 697-3600

CY7 AZIDE

SKU: CCT-1052



DESCRIPTION

The Cy7 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.

Cy7 Azide is a bright and photostable near-IR probe that is spectrally similar to Alexa Fluor® 750, DyLight® 750, and IRDye® 750 dye. The fluorescence of Cy7 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.

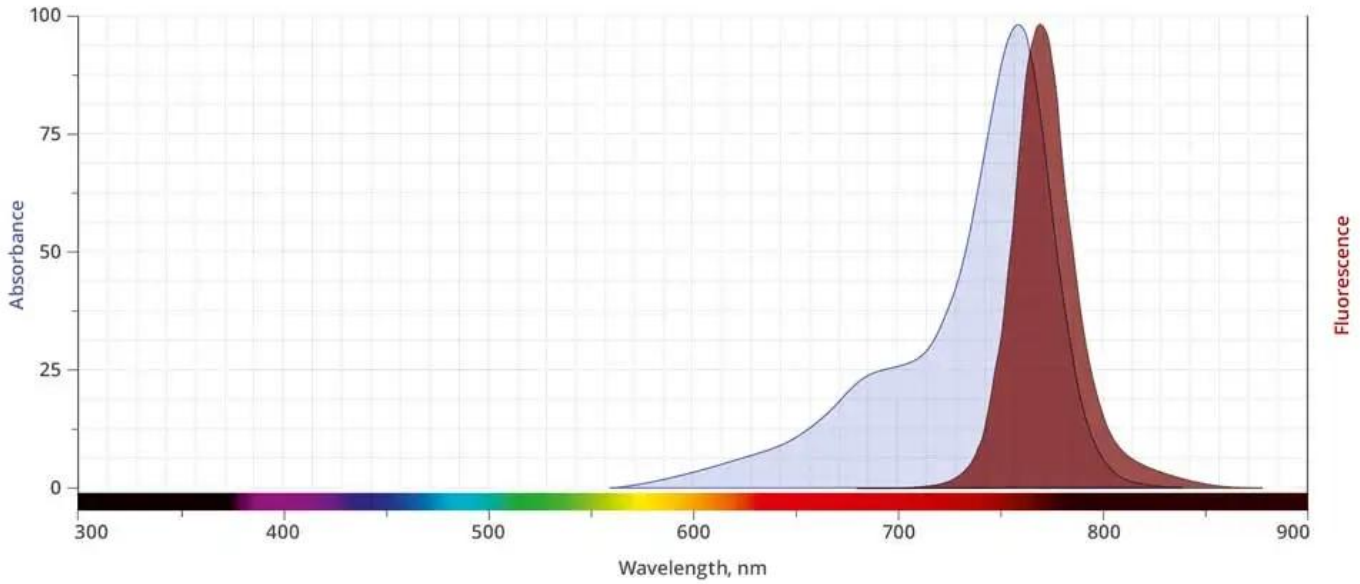
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SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1083.32
Appearance	Dark green solid
Extinction Coefficient	255,000
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® 750, RDye® 750, CF® 750 Dye, DyLight® 750
Excitation/Emission Maximum	753/775 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



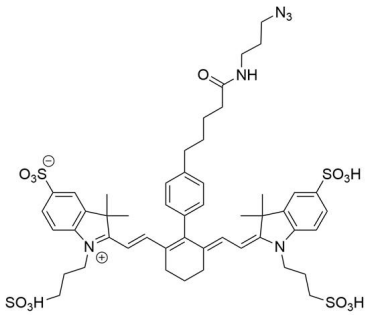
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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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