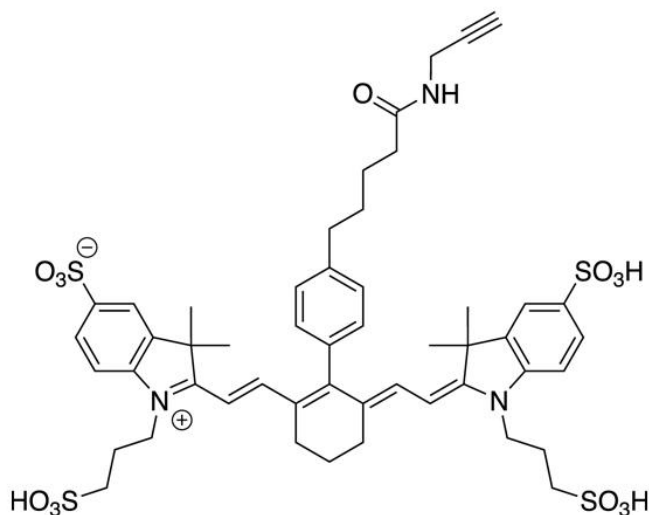




CY7 ALKYNE

SKU: CCT-1053



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.

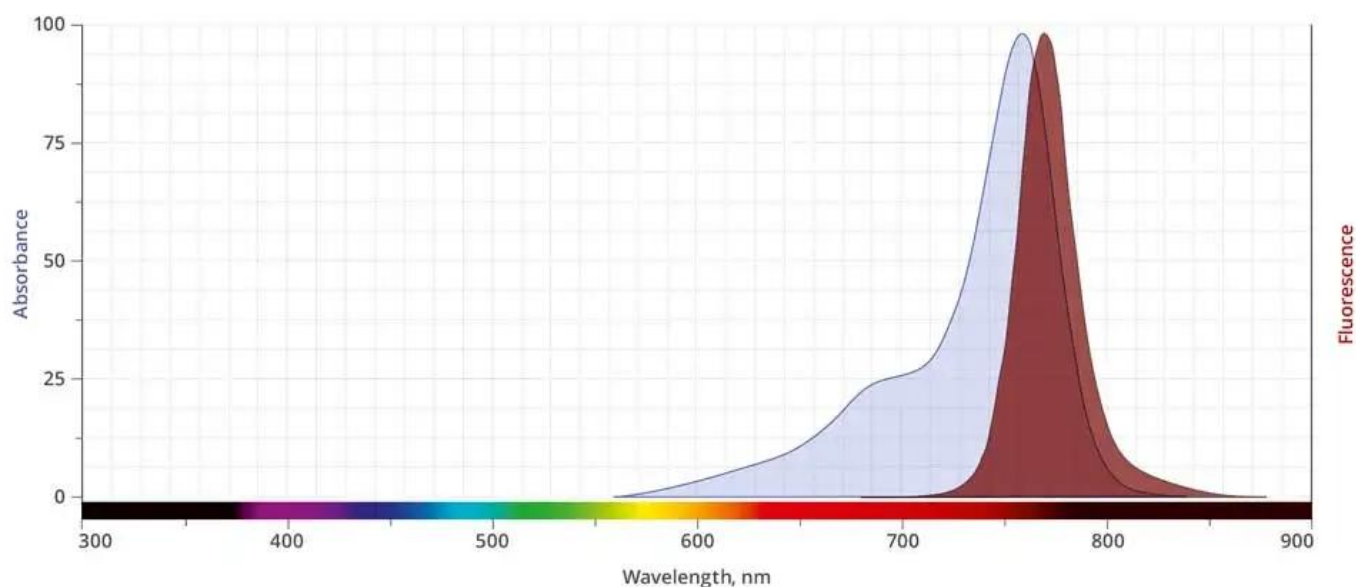
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



SPECIFICATIONS

CAS Number	N/A
Molecular Weight	1038.27
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



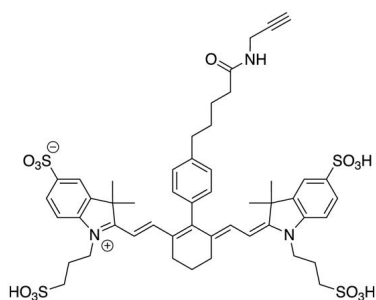
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



DOCUMENTS

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

GALLERY IMAGES



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