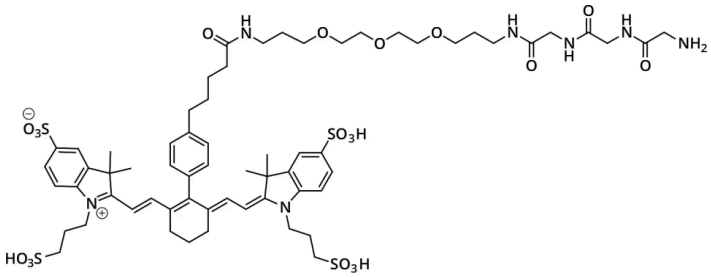
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

CY7 GLY-GLY-GLY

SKU: CCT-1579



DESCRIPTION

Water-soluble, substrate for sortase mediated labeling of proteins. Sortase catalyzes a transpeptidase reaction between a specific internal sequence of a protein and an amine group present on the N-terminus of triglycine recently has become an area of great interest. This method of labeling proteins has been denoted as “Sortagging”.

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

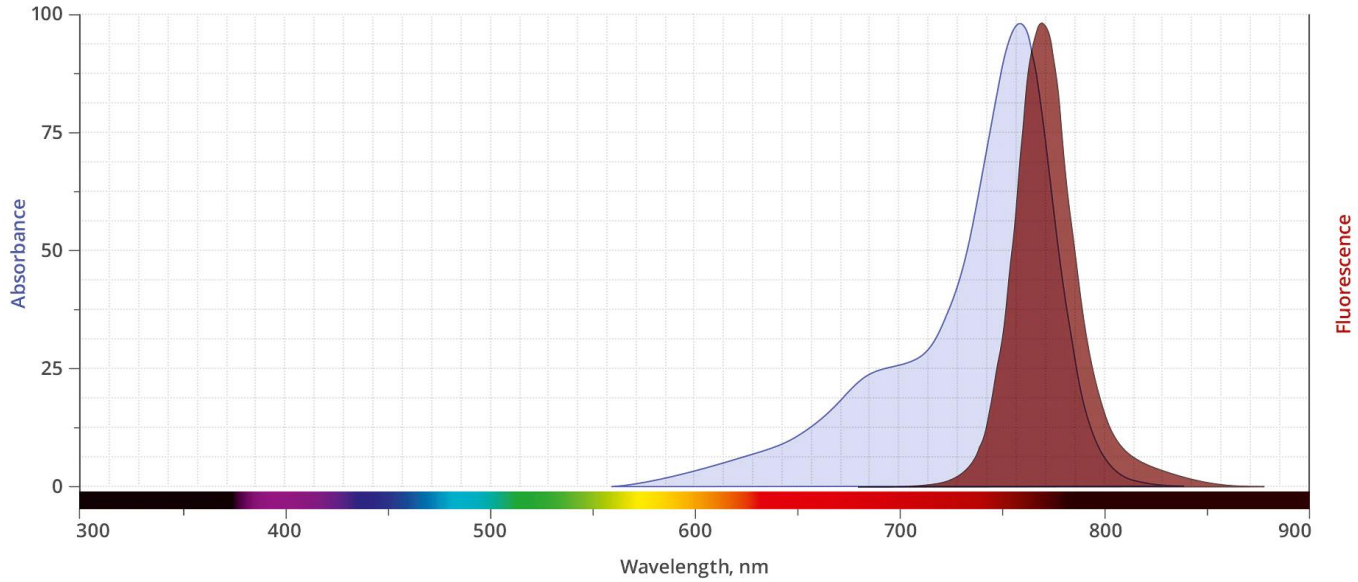
SPECIFICATIONS

Molecular Weight	1374.66 (protonated)
Appearance	Dark green solid
Extinction Coefficient	255,000
Unit Size	1 mg, 5 mg, 25 mg
Solubility	Water, DMSO, DMF

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

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



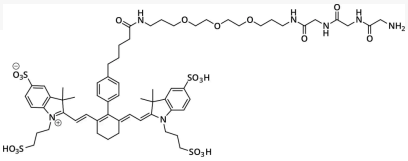
DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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