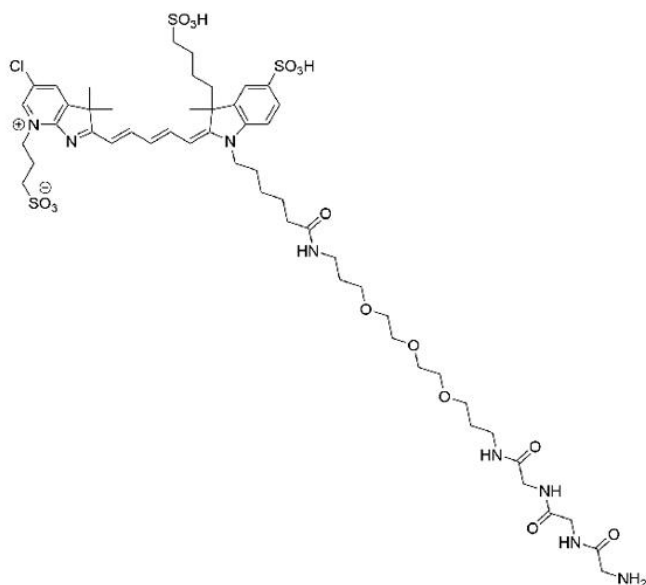


AZDYE 680 GLY-GLY-GLY

SKU: CCT-1578

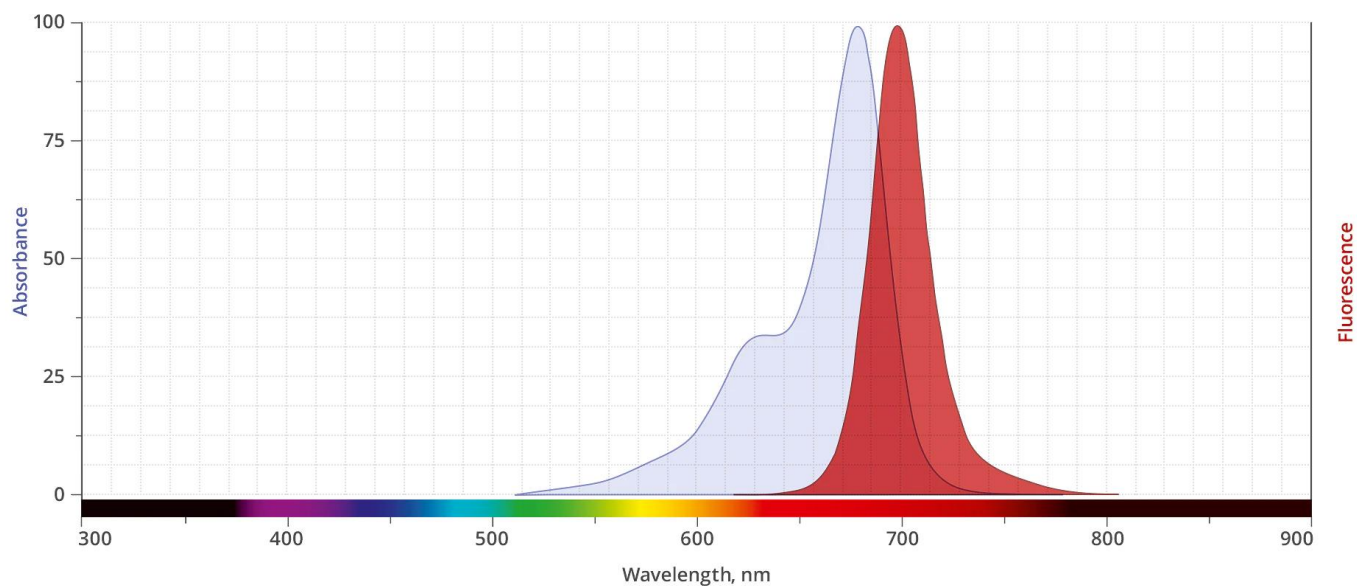


Description

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”.

AZDye 680 is a bright and photostable near-IR dye that is spectrally identical to Alexa Fluor® 680, IRDye® 680RD and Cy5.5. AZDye 680 is often used for small animal imaging applications in the 700 nm wavelength and provides excellent clearance profiles in animals. Flow cytometry is another common application for this dye. AZDye 680 ideally suited for the 633 nm laser line.

For research use only. Not intended for animal or human therapeutic or diagnostic use.



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	678/701 nm
Extinction Coefficient	185,000
Spectrally Similar Dyes	Alexa Fluor® 680, IRDye® 680RD, CF™ 680 Dye
Molecular weight	1201.86 (protonated)
Solubility	Water, DMSO, DMF
Appearance	Dark green solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.