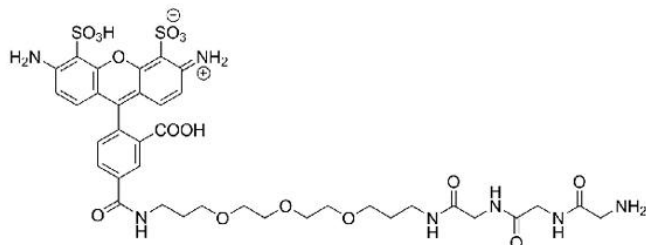


AZDYE 488 GLY-GLY-GLY

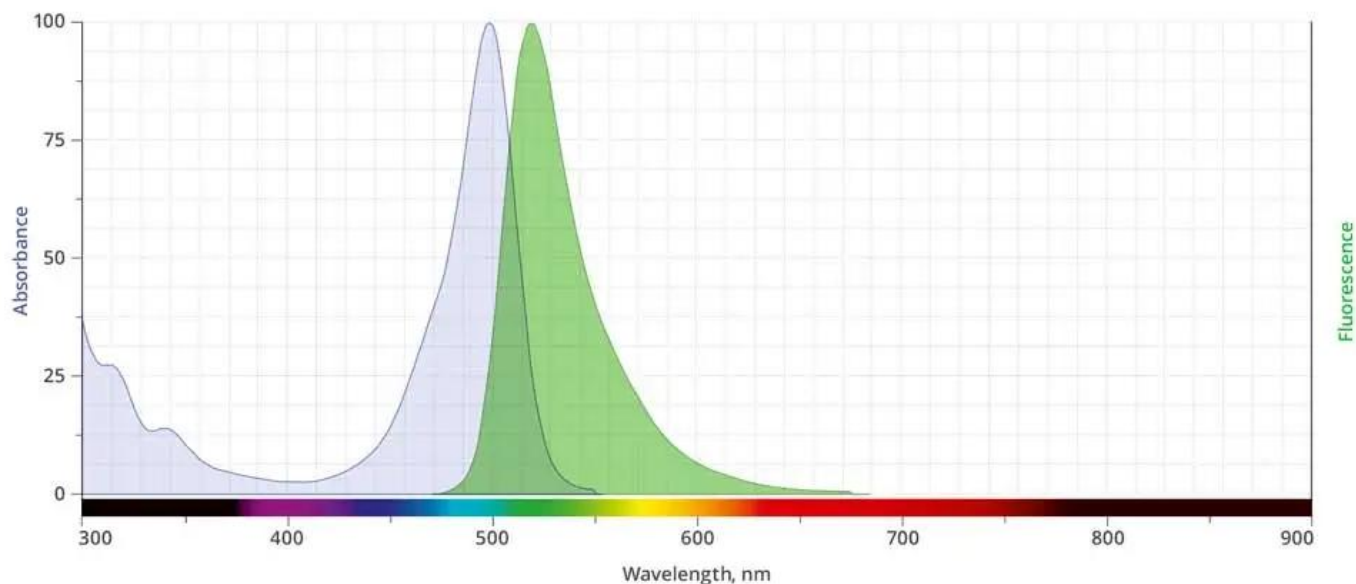
SKU: CCT-1555



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™ 488 Gly-Gly-Gly is a water-soluble, pH-insensitive from pH 4 to pH 10, green-fluorescent probe. Its excitation ideally suited for the 488 nm laser lines. AZDye™ 488 is structurally identical to Alexa Fluor® 488.



Abs/Em Spectra

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

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	494/517 nm
Abs/Em Maxima	73,000 cm ⁻¹ M ⁻¹
Molecular weight	907.92
Chemical composition	C ₃₇ H ₄₅ N ₇ O ₁₆ S ₂
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Orange solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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