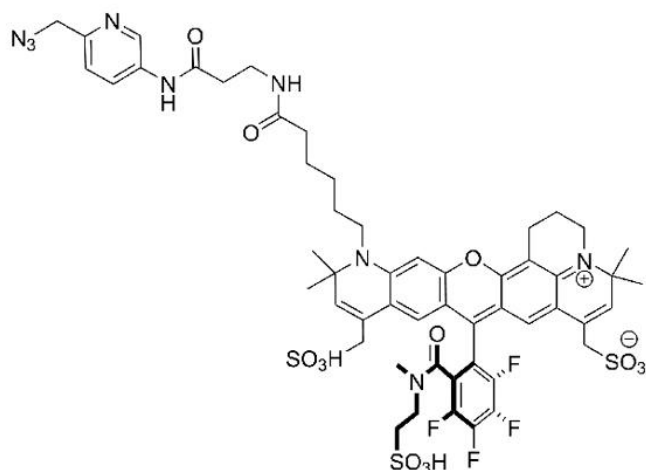


AZDYE 633 PICOLYL AZIDE

SKU: CCT-1549

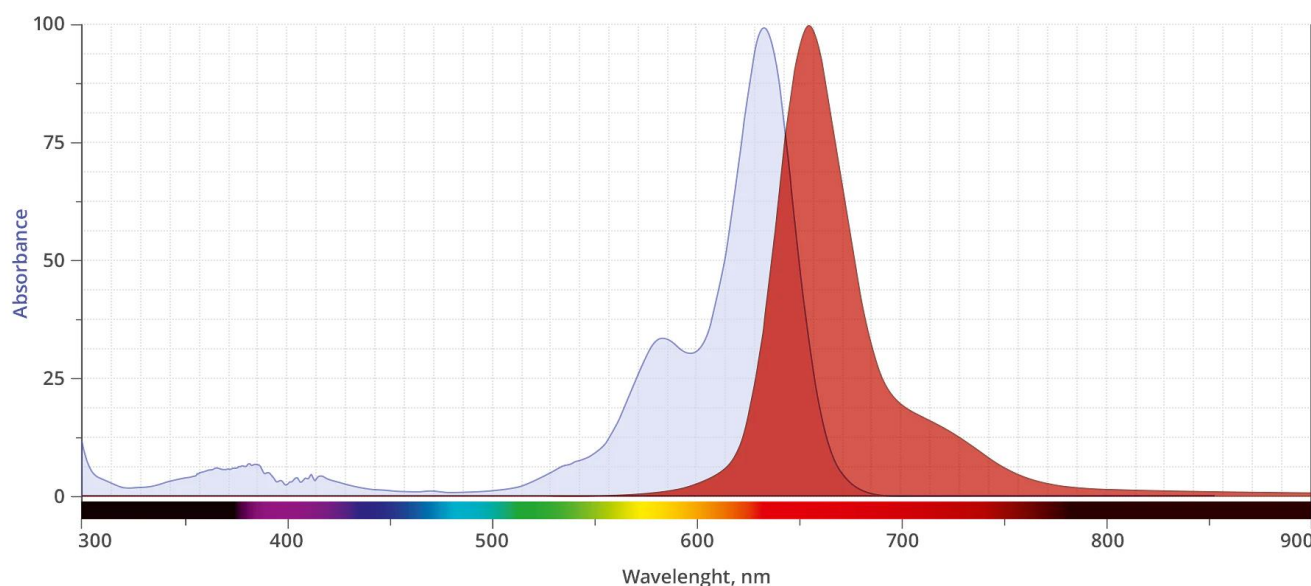


Description

AZDye™ 633 Picolyl Azide is an advanced fluorescent probe that incorporates a copper-chelating motif to raise the effective concentration of Cu(I) at the reaction site to boost the efficiency of the CuAAC reaction, resulting in a faster and more biocompatible CuAAC labeling. Up to 40-fold increase of signal intensity, compared to conventional azides, was reported (see Selected References).

AZDye™ 633 Azide is a bright and photostable far-red fluorescent probe with excitation ideally suited to the 633 nm or 635 nm laser excitation source. AZDye™ 633 Azide is water-soluble, pH-insensitive from pH 4 to pH 10. AZDye™ 633 spectrally is almost identical to Alexa Fluor® 633, DyLight® 633 or CF® 633 Dye. Combination of superior brightness and very low autofluorescence background signal in most biological samples in far-red spectral region allows for very sensitive detection of alkyne-labeled biomolecules.

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	631/651 nm
Extinction Coefficient	100,000
Flow Cytometry Laser Line	633 nm or 647 nm
Microscopy Laser Line	633 nm or 647 nm
Spectrally Similar Dyes	Alexa Fluor® 633, CF® 633
Molecular weight	1200.26
CAS	N/A
Solubility	Water, DMSO, DMF
Appearance	Blue solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

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