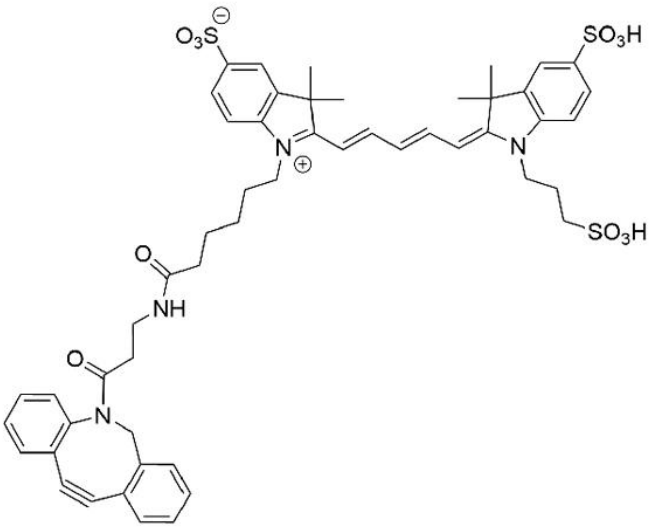
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

CY5 DBCO

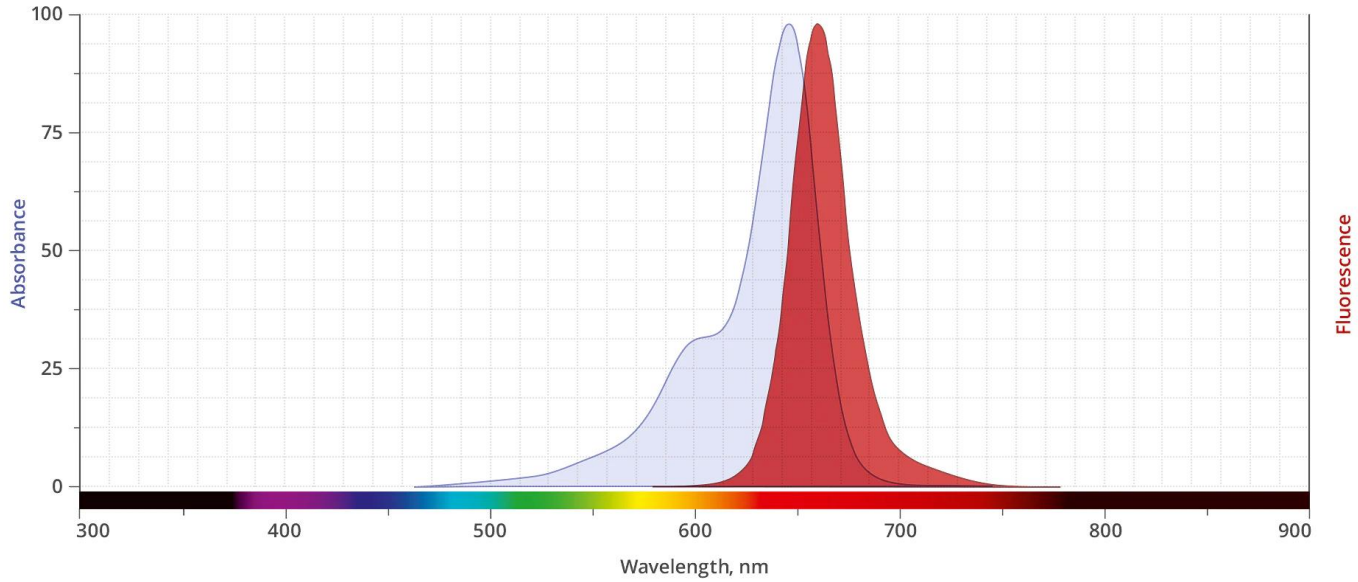
SKU: CCT-A130



Description

Cy5 DBCO is an azide reactive probe used for imaging azide-tagged biomolecules via a copper-free “click reaction”. DBCO moiety reacts with azides to form a stable triazole and does not require Cu-catalyst or elevated temperatures. This far-red fluorescent probe is water-soluble, and its fluorescence is pH-insensitive from pH 4 to pH 10. Its excitation peak is ideally suited for the 633 nm or 647 nm laser lines and its absorption and emission spectra are almost identical to those of Alexa Fluor® 647, CF® 647 Dye, or any other Cyanine5 based fluorescent dyes.

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



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Abs/Em Maxima	649/671 nm
Extinction Coefficient	250,000
Flow Cytometry Laser Line	633 or 635 nm
Microscopy Laser Line	633 or 635 nm
Spectrally Similar Dyes	Alexa Fluor® 647, CF™ 647 Dye, DyLight™649
Molecular weight	1009.22
CAS	1564286-24-3
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Blue solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
