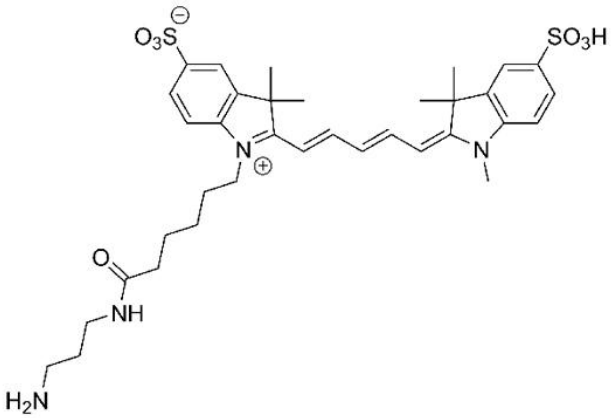
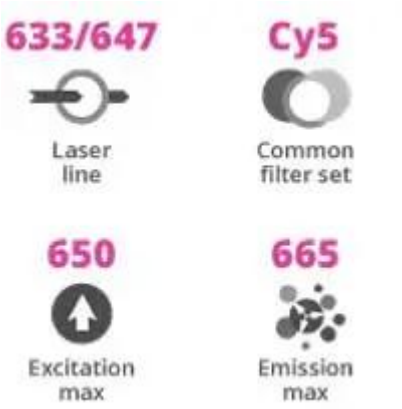
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

CY5 AMINE

SKU: FP-1323



DESCRIPTION



Cy5 Amine is a carbonyl reactive building block used to modify carboxylic groups in the presence of activators (e.g. EDC, or DCC) or activated esters (e.g. NHS esters) through a stable amide bond. It also can be employed as a polar tracer and as a reactive dye for labeling proteins via a carboxylic acid moiety.

Cy5 Amine (also sold under the Sulfo-Cyanine5 Amine name) is a water-soluble, bright, far-red-

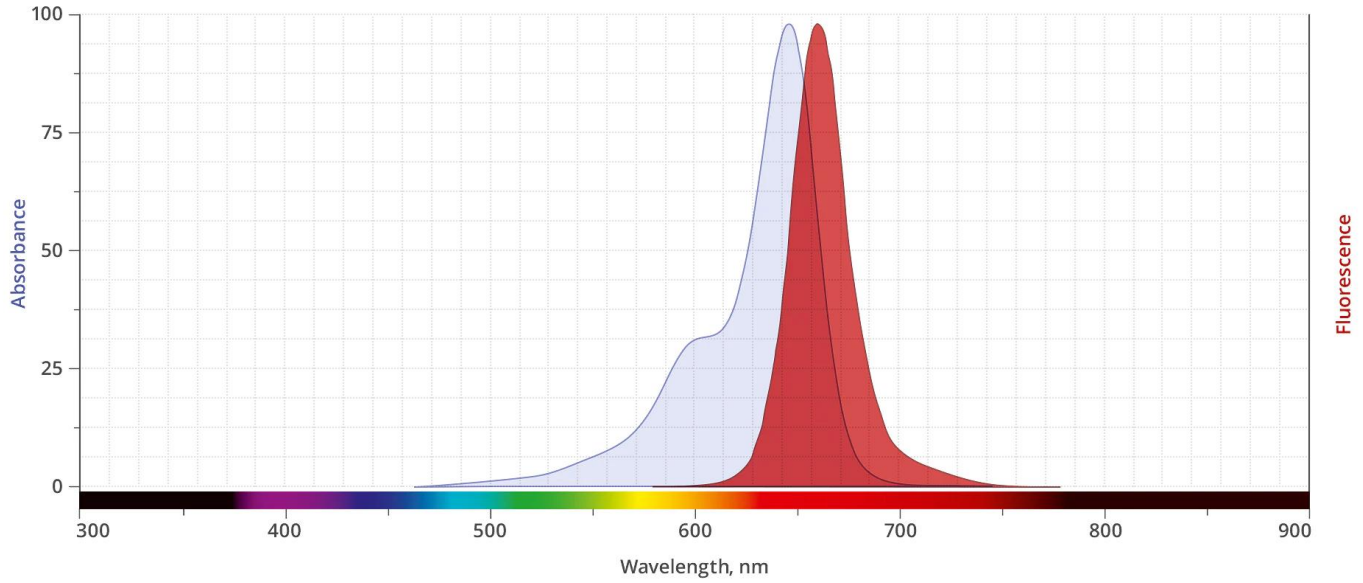
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

fluorescent probe with excitation ideally suited for the 633 nm or 647 nm laser lines. A significant advantage to using long wavelength dyes such as Cy5 or AZDye 647 over other fluorophores is the low autofluorescence of biological specimens in this region of the spectrum.

SPECIFICATIONS

Molecular Weight	698.98
Extinction Coefficient	250,000 cm-1M-1
Reactivity	Aldehyde, carboxylic acid, ketone
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Spectrally Similar Dyes	Alexa Fluor® 647, DyLight® 649
Excitation/Emission Maximum	648/671 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



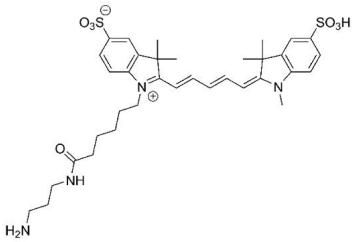
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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