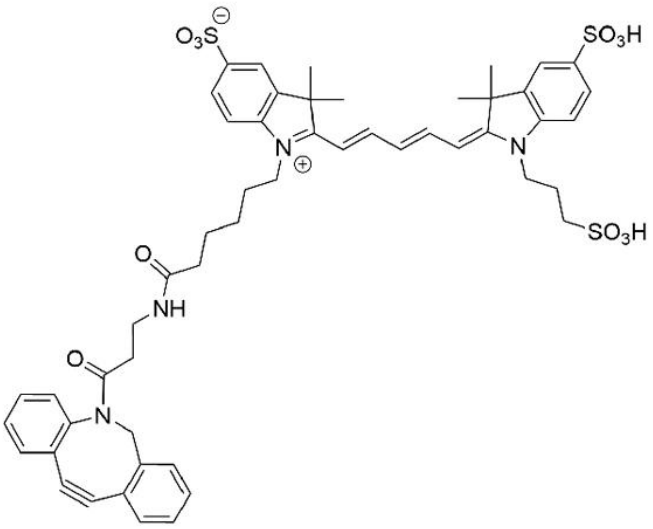
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Telephone: (650) 697-3600

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.

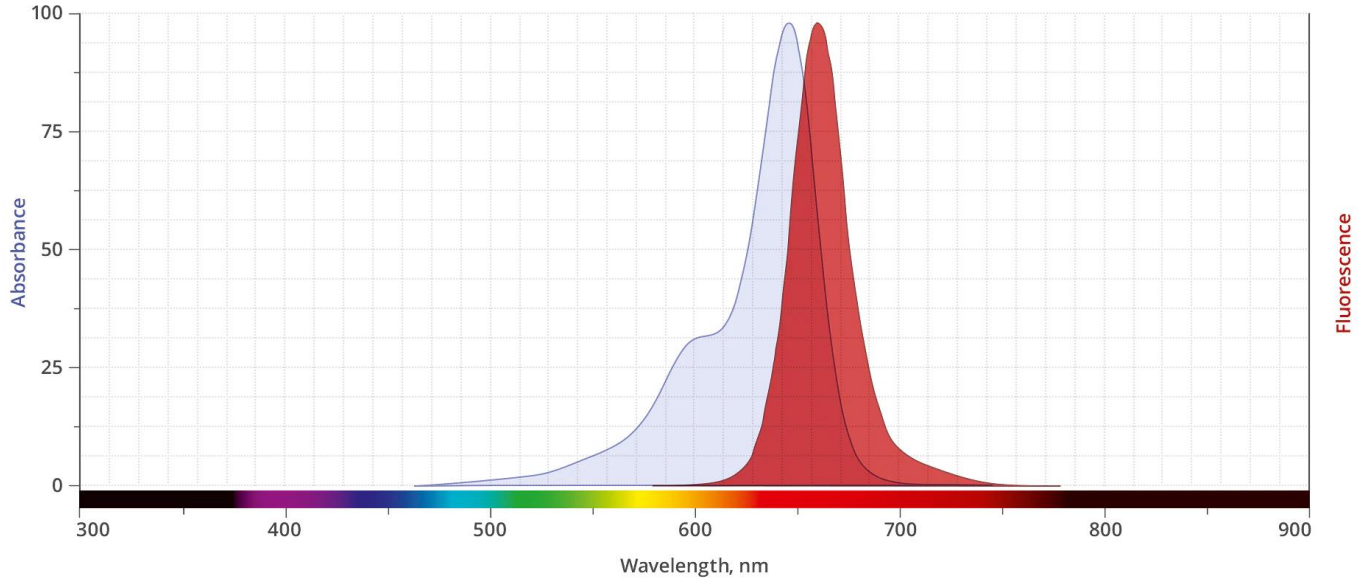
SPECIFICATIONS

CAS Number	1564286-24-3
Molecular Weight	1211.6
Molecular Formula	C64H86N6O11S3
Appearance	Blue solid

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Chemical Formula	C64H86N6O11S3
Extinction Coefficient	250,000
Purity	>95% (HPLC)
Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 647, CF™ 647 Dye, DyLight™649
Laser Line	633 or 635 nm
Excitation/Emission Maximum	649 nm / 666 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



SELECTED REFERENCES

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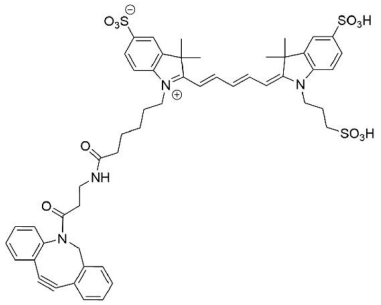
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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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