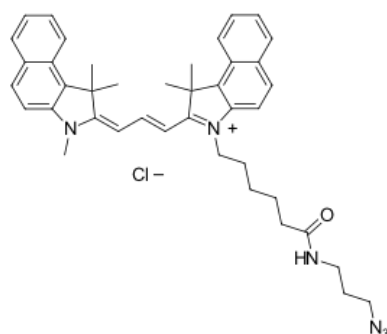


Cyanine3.5 azide

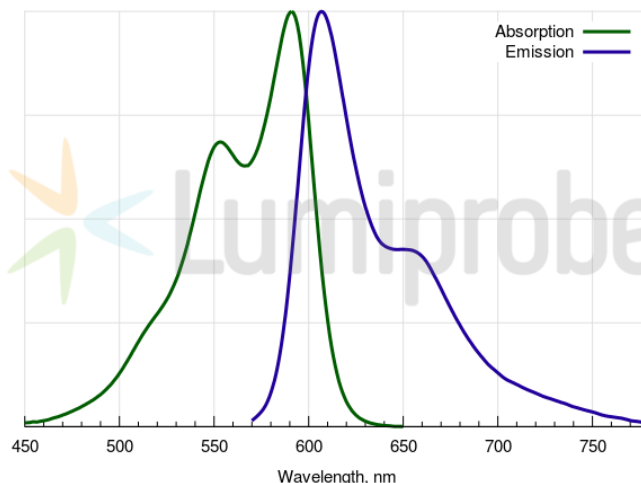
<http://www.lumiprobe.com/p/cy35-azide>

Cyanine3.5 labeling reagent, solid material and 10 mM solution in DMSO, for click chemistry.

Can replace Cy3.5®, DyLight 594.



Structure of Cyanine3.5



Absorbance and emission spectra of Cyanine3.5

General properties

Appearance:	dark purple powder / solution
Molecular weight:	675.31
Molecular formula:	C ₄₁ H ₄₇ N ₆ ClO
Solubility:	soluble in organic solvents (DMF, DMSO, dichloromethane), insoluble in water
Quality control:	NMR ¹ H, HPLC-MS (95%)
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

Spectral properties

Excitation/absorption maximum, nm:	591
ε, L·mol ⁻¹ ·cm ⁻¹ :	116000
Emission maximum, nm:	604
Fluorescence quantum yield:	0.35
CF ₂₆₀ :	0.29
CF ₂₈₀ :	0.22

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