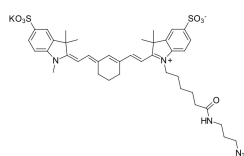


# Sulfo-Cyanine 7 azide (A270308)

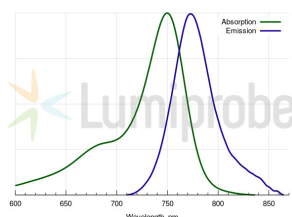
## Specifications:

Name:	Sulfo-Cyanine 7 azide
Description:	A water-soluble NIR dye azide for Click Chemistry. Sulfo-Cyanine 7 is a cyanine dye, an analog of Cy7® with improved photophysical properties. This dye is a perfect choice for NIR imaging studies in live organisms.
Absorption Maxima:	750 nm
Extinction Coefficient:	240600 M <sup>-1</sup> cm <sup>-1</sup>
Emission Maxima:	773 nm
CF <sub>260</sub> :	0.04
CF <sub>280</sub> :	0.04
Purity:	95% (by <sup>1</sup> H NMR and HPLC-MS).
Molecular Formula:	C <sub>40</sub> H <sub>49</sub> N <sub>6</sub> KO <sub>7</sub> S <sub>2</sub>
Molecular Weight:	829.08 kDa
Product Form:	Dark green powder.
Solubility:	Good in water, DMF, and DMSO.
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Images:



Sulfo-Cy7 azide structure.



Sulfo-Cyanine 7 absorbance and emission spectra.