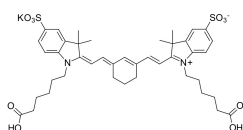


Sulfo-Cyanine 7 dicarboxylic acid (A270311)

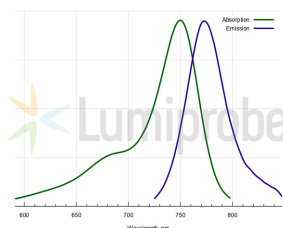
Specifications:

Name:	Sulfo-Cyanine 7 dicarboxylic acid
Description:	Sulfo-Cyanine 7 dicarboxylic acid (Cy7 analogue) is a water soluble, bifunctional NIR dye derivative bearing two carboxylic acid functional groups.
Absorption Maxima:	750 nm
Extinction Coefficient:	240600 M ⁻¹ cm ⁻¹
Emission Maxima:	773 nm
CF ₂₆₀ :	0.04
CF ₂₈₀ :	0.04
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₄₂ H ₅₁ N ₂ KO ₁₀ S ₂
Molecular Weight:	847.09 kDa
Product Form:	Dark green solid.
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. Desiccate.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Structure of Sulfo-Cyanine 7 dicarboxylic acid.



Absorption and emission spectra of Sulfo-Cyanine 7.