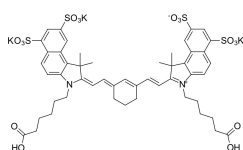


Sulfo-Cyanine 7.5 dicarboxylic acid (A270303)

Specifications:

Name:	Sulfo-Cyanine 7.5 dicarboxylic acid
Description:	Sulfo-Cyanine 7.5 dicarboxylic acid is a bifunctional near infrared fluorescent dye with two carboxylic acid groups. The reagent is useful as a cross-linker that is NIR emitting. The carboxylic acid groups can be activated by carbodiimide chemistry.
Absorption Maxima:	778 nm
Extinction Coefficient:	222000 M ⁻¹ cm ⁻¹
Emission Maxima:	797 nm
CF ₂₆₀ :	0.09
CF ₂₈₀ :	0.09
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₅₀ H ₅₃ N ₂ K ₃ O ₁₆ S ₄
Molecular Weight:	1183.51 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.

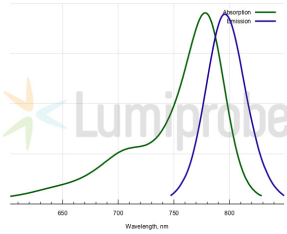
Images:



Structure of Sulfo-Cyanine 7.5 dicarboxylic acid.

Sulfo-Cyanine 7.5 dicarboxylic acid (A270303)

Images continued:



Absorption and emission spectra of Sulfo-Cyanine 7.5 fluorophore.