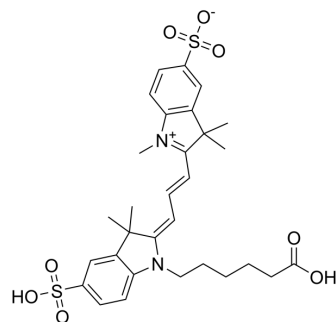


Sulfo-Cy3(Me)COOH

Cat. No.:	HY-D1365
CAS No.:	1121756-11-3
Molecular Formula:	C ₃₀ H ₃₆ N ₂ O ₈ S ₂
Molecular Weight:	616.75
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (202.68 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6214 mL	8.1070 mL	16.2140 mL
	5 mM	0.3243 mL	1.6214 mL	3.2428 mL
	10 mM	0.1621 mL	0.8107 mL	1.6214 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sulfo-Cy3(Me)COOH is a sulfo-Cyanine3 derivative. Cyanine3 is an orange-fluorescent label dye for protein and nucleic acid (Ex=554 nm, Em=568 nm)^[1].

REFERENCES

[1]. Ptaszek M. Rational design of fluorophores for in vivo applications. Prog Mol Biol Transl Sci. 2013;113:59-108.

Caution: Product has not been fully validated for medical applications. For research use only.

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