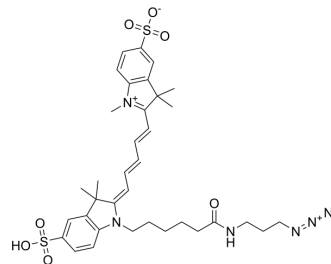


Sulfo-Cy5-N3

Cat. No.:	HY-W400925
CAS No.:	1481447-40-8
Molecular Formula:	C ₃₅ H ₄₄ N ₆ O ₇ S ₂
Molecular Weight:	724.89
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (172.44 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.3795 mL	6.8976 mL	13.7952 mL
	5 mM	0.2759 mL	1.3795 mL	2.7590 mL
	10 mM	0.1380 mL	0.6898 mL	1.3795 mL

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

BIOLOGICAL ACTIVITY

Description

Sulfo-Cy5-N3 is a click chemistry reagent containing an azide group. Cy5 is a red fluorescent label dye for imaging (Ex/Em=642/670 nm)^[1].

REFERENCES

[1]. An F, et al. Small ultra-red fluorescent protein nanoparticles as exogenous probes for noninvasive tumor imaging in vivo. *Int J Biol Macromol.* 2020 Jun 15;153:100-106.

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

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