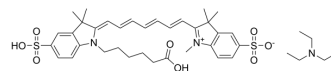


Sulfo-Cy7 carboxylic acid TEA

Cat. No.: HY-D1881A
Molecular Formula: C₄₀H₅₅N₃O₈S₂
Molecular Weight: 770.01
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

DMSO : 62.5 mg/mL (81.17 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.2987 mL	6.4934 mL	12.9868 mL
	5 mM	0.2597 mL	1.2987 mL	2.5974 mL
	10 mM	0.1299 mL	0.6493 mL	1.2987 mL

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

BIOLOGICAL ACTIVITY

Description

Sulfo-Cy7 carboxylic acid TEA (compound 6m) is a cyanine dye^[1].

REFERENCES

[1]. Park JW, et al. Novel cyanine dyes with vinylsulfone group for labeling biomolecules. Bioconjug Chem. 2012 Mar 21;23(3):350-62.

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

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