



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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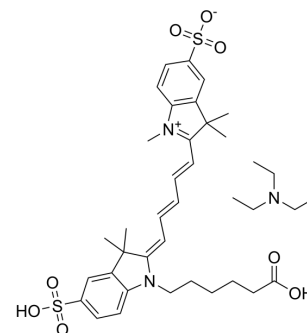
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Sulfo-Cy5 carboxylic acid TEA

Cat. No.:	HY-D1853A
Molecular Formula:	C ₃₈ H ₅₃ N ₃ O ₈ S ₂
Molecular Weight:	743.97
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (168.02 mM; Need ultrasonic)

	Solvent Concentration	Mass			
		1 mg	5 mg	10 mg	
Preparing Stock Solutions	1 mM	1.3441 mL	6.7207 mL	13.4414 mL	
	5 mM	0.2688 mL	1.3441 mL	2.6883 mL	
	10 mM	0.1344 mL	0.6721 mL	1.3441 mL	

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

BIOLOGICAL ACTIVITY

Description

Sulfo-Cy5 carboxylic acid TEA is a Cy5 derivative that can be used for chemical synthesis. 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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