



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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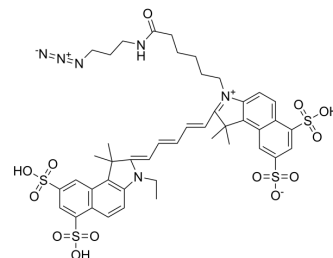
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Sulfo-Cy5.5 Azide

Cat. No.: HY-151711
CAS No.: 1955527-41-9
Molecular Formula: C₄₄H₅₀N₆O₁₃S₄
Molecular Weight: 999.16
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 : 50 mg/mL (50.04 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.0008 mL	5.0042 mL	10.0084 mL
	5 mM		0.2002 mL	1.0008 mL	2.0017 mL
	10 mM		0.1001 mL	0.5004 mL	1.0008 mL

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

BIOLOGICAL ACTIVITY

Description

Sulfo-Cy5.5 Azide is a click chemistry reagent containing an azide group. Sulfo-Cy5.5 Azide is also a water-soluble dye (Ex=673 nm, Em=707 nm), which designed to label sensitive molecules such as peptides, proteins and oligonucleotides. It contains an azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. It can also undergo ring strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.

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

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