



# 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

### SZABO-SCANDIC HandelsgmbH

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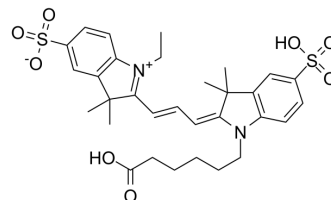
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## CY3

Cat. No.:	HY-D0822
CAS No.:	146368-13-0
Molecular Formula:	C <sub>31</sub> H <sub>38</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	630.77
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	H <sub>2</sub> O : 12.5 mg/mL (19.82 mM); ultrasonic and warming and heat to 60°C					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.5854 mL	7.9268 mL	15.8536 mL
			5 mM	0.3171 mL	1.5854 mL	3.1707 mL
10 mM	0.1585 mL	0.7927 mL	1.5854 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 25 mg/mL (39.63 mM); Clear solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

Description	Cy3 (Sulfo-Cyanine3) is an orange-fluorescent label for protein and nucleic acid ( $\lambda_{ex}=554$ , $\lambda_{em}=568$ ).
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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