



# 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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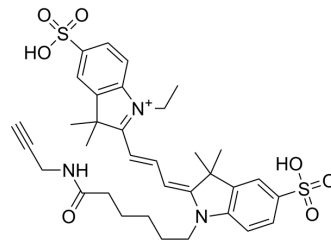
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## CY3-YNE

<b>Cat. No.:</b>	HY-D0818
<b>CAS No.:</b>	1010386-62-5
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>42</sub> N <sub>3</sub> O <sub>7</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	668.84
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



## SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 25 mg/mL (37.38 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	1.4951 mL	7.4756 mL	14.9513 mL
		5 mM	0.2990 mL	1.4951 mL	2.9903 mL
		10 mM	0.1495 mL	0.7476 mL	1.4951 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.83 mg/mL (1.24 mM); Clear solution				

## BIOLOGICAL ACTIVITY

<b>Description</b>	CY3-YNE (Sulfo-Cyanine3-alkyne) is a dye for the labeling of soluble proteins, peptides, and oligonucleotides/DNA. CY3-YNE is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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