



# 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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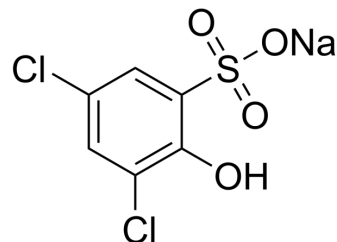
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## DHBS

<b>Cat. No.:</b>	HY-15914
<b>CAS No.:</b>	54970-72-8
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NaO <sub>4</sub> S
<b>Molecular Weight:</b>	265.05
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	4°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

<b>In Vitro</b>	H <sub>2</sub> O : 100 mg/mL (377.29 mM); Need ultrasonic				
	<b>Preparing Stock Solutions</b>	<b>Solvent</b> \ <b>Mass</b> \ <b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	3.7729 mL	18.8644 mL	37.7287 mL
		<b>5 mM</b>	0.7546 mL	3.7729 mL	7.5457 mL
		<b>10 mM</b>	0.3773 mL	1.8864 mL	3.7729 mL
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: PBS Solubility: 25 mg/mL (94.32 mM); Clear solution; Need ultrasonic				

## BIOLOGICAL ACTIVITY

<b>Description</b>	DHBS is Used in conjunction with 4-aminoantipyrine (4-AAP) and hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) for chromogenic quantitation of peroxidase in coupled enzymatic reactions. Component of Trinder reagent for use with peroxidase to measure generation of hydrogen peroxide in automated systems.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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