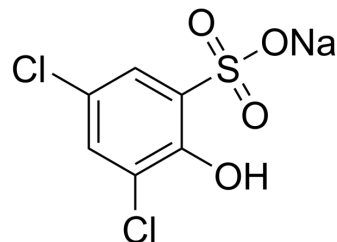


DHBS

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

In Vitro	H ₂ O : 100 mg/mL (377.29 mM); Need ultrasonic				
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg
		1 mM	3.7729 mL	18.8644 mL	37.7287 mL
		5 mM	0.7546 mL	3.7729 mL	7.5457 mL
		10 mM	0.3773 mL	1.8864 mL	3.7729 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 (94.32 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	DHBS is Used in conjunction with 4-aminoantipyrine (4-AAP) and hydrogen peroxide (H ₂ O ₂) 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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