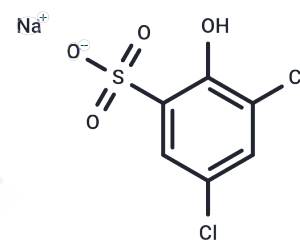


## DHBS

## Chemical Properties

CAS No. :	54970-72-8
Formula:	C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NaO <sub>4</sub> S
Molecular Weight:	265.05
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	DHBS (DCHBS) is used in conjunction with 4-aminoantipyrine (4-AAP) and H <sub>2</sub> O <sub>2</sub> for chromogenic quantitation of peroxidase in coupled enzymatic reactions.
Targets(IC50)	Others
In vitro	Detection of DAO and GoX enzyme activity on polyacrylamide gel Operation steps: Treat the polyacrylamide gel containing DAO and GoX proteins after electrophoresis with a mixture of 30 mM putrescine, 1.25 mM AAP and 1.25 mM DHBS, and stain it.

## Solubility Information

Solubility	H <sub>2</sub> O: 30 mg/mL (113.19 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0755 mL	0.3773 mL	0.7546 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chomdom Kounga P, et al. Faster and sensitive zymographic detection of oxidases generating hydrogen peroxide. The case of diamine oxidase. Anal Biochem. 2022 Jul 1;648:114676.

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