

## Inhoffen Lythgoe diol

## Chemical Properties

CAS No. :	64190-52-9
Formula:	C13H24O2
Molecular Weight:	212.328
Storage:	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	Inhoffen Lythgoe diol is an organic molecule frequently utilized in chiral selective reactions within organic synthesis. It serves as both a catalyst and a ligand, and finds extensive application in the preparation of nitrogen- and sulfur-containing natural products, pharmaceuticals, and materials science. Although it lacks direct medical applications, Inhoffen Lythgoe diol plays a crucial role in asymmetric synthesis and is vital in the manufacture and research of numerous significant chemicals.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7097 mL	23.5483 mL	47.0965 mL
5 mM	0.9419 mL	4.7097 mL	9.4193 mL
10 mM	0.471 mL	2.3548 mL	4.7097 mL
50 mM	0.0942 mL	0.471 mL	0.9419 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.

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