

## Inhoffen Lythgoe diol

Cat. No.:	HY-75920		
CAS No.:	64190-52-9		
Molecular Formula:	C <sub>13</sub> H <sub>24</sub> O <sub>2</sub>		
Molecular Weight:	212.33		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (235.48 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.7097 mL	23.5483 mL	47.0965 mL
	5 mM	0.9419 mL	4.7097 mL	9.4193 mL
	10 mM	0.4710 mL	2.3548 mL	4.7097 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Inhoffen Lythgoe diol is an organic molecule commonly used in chiral selective reactions in organic synthesis. It can be used as a catalyst and a ligand, and has a wide range of applications in the preparation of nitrogen- and sulfur-containing natural products, pharmaceuticals, and material science. Inhoffen Lythgoe diol plays a very important role in the field of asymmetric synthesis. Although it has no direct medical application, it plays an important role in the production and research of many important chemicals.

#### In Vitro

Inhoffen Lythgoe diol is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA