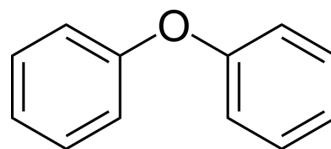


## Diphenyl ether

<b>Cat. No.:</b>	HY-Y0339		
<b>CAS No.:</b>	101-84-8		
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>10</sub> O		
<b>Molecular Weight:</b>	170.21		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (587.51 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	5.8751 mL	29.3755 mL	58.7510 mL
		5 mM	1.1750 mL	5.8751 mL	11.7502 mL
10 mM		0.5875 mL	2.9375 mL	5.8751 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.69 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	Oxydibenzene is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
<b>In Vitro</b>	Used as a heat transfer medium and also in organic synthesis 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.**

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