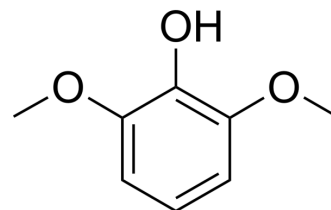


## 2,6-Dimethoxyphenol

Cat. No.:	HY-W003972		
CAS No.:	91-10-1		
Molecular Formula:	C <sub>8</sub> H <sub>10</sub> O <sub>3</sub>		
Molecular Weight:	154.16		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 25 mg/mL (162.17 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM	6.4868 mL	32.4338 mL	64.8677 mL	
		5 mM	1.2974 mL	6.4868 mL	12.9735 mL	
	10 mM	0.6487 mL	3.2434 mL	6.4868 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS					
	Solubility: 6.67 mg/mL (43.27 mM); Clear solution; Need ultrasonic and warming and heat to 60°C					

### BIOLOGICAL ACTIVITY

Description	2,6-Dimethoxyphenol is a phenolic compound that is extensively used for the measurement of laccase activity <sup>[1]</sup> .
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### REFERENCES

[1]. Oluyemisi E. et al. Enzymatic modification of 2,6-dimethoxyphenol for the synthesis of dimers with high antioxidant capacity. Process biochemistry, 47, 1926-1932.

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

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