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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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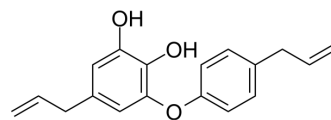
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Obovatol

Cat. No.:	HY-N8259
CAS No.:	83864-78-2
Molecular Formula:	C ₁₈ H ₁₈ O ₃
Molecular Weight:	282.33
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (708.39 mM; Need ultrasonic)																							
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th rowspan="2">Solvent Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>3.5420 mL</td> <td>17.7098 mL</td> <td>35.4195 mL</td> </tr> <tr> <td>5 mM</td> <td>0.7084 mL</td> <td>3.5420 mL</td> <td>7.0839 mL</td> </tr> <tr> <td>10 mM</td> <td>0.3542 mL</td> <td>1.7710 mL</td> <td>3.5420 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass			1 mg	5 mg	10 mg	1 mM	3.5420 mL	17.7098 mL	35.4195 mL	5 mM	0.7084 mL	3.5420 mL	7.0839 mL	10 mM	0.3542 mL	1.7710 mL	3.5420 mL			
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Please refer to the solubility information to select the appropriate solvent.																								
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (17.71 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (17.71 mM); Clear solution 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (17.71 mM); Clear solution																							

BIOLOGICAL ACTIVITY

Description	Obovatol is a biphenyl ether lignan isolated from the leaves of <i>Magnolia obovata</i> Thunb ^[1] .
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REFERENCES

[1]. Ito K, et al. Obovatol and obovatol, novel biphenyl ether lignans from the leaves of *Magnolia obovata* Thunb. *Chem Pharm Bull (Tokyo)*. 1982;30(9):3347-3353.

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

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