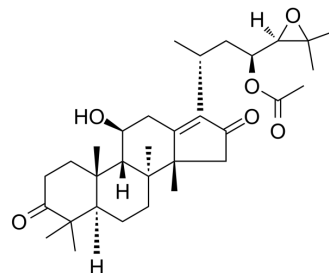


## Alisol C 23-acetate

<b>Cat. No.:</b>	HY-N0856
<b>CAS No.:</b>	26575-93-9
<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>48</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	528.72
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 25 mg/mL (47.28 mM; ultrasonic and warming and heat to 60°C)					
	<b>Preparing Stock Solutions</b>	<b>Solvent</b>	<b>Mass</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>Concentration</b>				
		<b>1 mM</b>		1.8914 mL	9.4568 mL	18.9136 mL
		<b>5 mM</b>		0.3783 mL	1.8914 mL	3.7827 mL
<b>10 mM</b>		0.1891 mL	0.9457 mL	1.8914 mL		
Please refer to the solubility information to select the appropriate solvent.						
<b>In Vivo</b>	<p>1. Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.73 mM); Clear solution</p> <p>2. Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: ≥ 2.5 mg/mL (4.73 mM); Clear solution</p>					

### BIOLOGICAL ACTIVITY

<b>Description</b>	Alisol C 23-acetate, a natural product extracted from <i>Alisma orientale</i> , can significantly and strongly inhibit DTH response after oral administration.
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### REFERENCES

[1]. Lee JH, et al. The rhizomes of *Alisma orientale* and alisol derivatives inhibit allergic response and experimental atopic dermatitis. *Biol Pharm Bull.* 2012;35(9):1581-7.

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

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