Alisol A 24-acetate

Cat. No.: HY-N0853A
CAS No.: 18674-16-3
Molecular Formula: C₃₂H₅₂O₆
Molecular Weight: 532.75
Target: Others
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
DMSO: ≥ 50 mg/mL (93.85 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>1.8771 mL</td>
<td>9.3853 mL</td>
<td>18.7705 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.3754 mL</td>
<td>1.8771 mL</td>
<td>3.7541 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.1877 mL</td>
<td>0.9385 mL</td>
<td>1.8771 mL</td>
</tr>
</tbody>
</table>

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

In Vivo
1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 3 mg/mL (5.63 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 3 mg/mL (5.63 mM); Clear solution

BIOLOGICAL ACTIVITY

Description
Alisol A 24-acetate is a natural product.

REFERENCES

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