**Etretinate**

**Cat. No.** : HY-B0797  
**CAS No.** : 54350-48-0  
**Molecular Formula** : \( C_{23}H_{30}O_3 \)  
**Molecular Weight** : 354.48  
**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 : 25 mg/mL (70.53 mM; Need ultrasonic)

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>2.8210 mL</td>
<td>14.1052 mL</td>
<td>28.2103 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.5642 mL</td>
<td>2.8210 mL</td>
<td>5.6421 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2821 mL</td>
<td>1.4105 mL</td>
<td>2.8210 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% corn oil  
Solubility: ≥ 2.5 mg/mL (7.05 mM); Clear solution

**BIOLOGICAL ACTIVITY**

**Description**  
Etretinate (Ro 10-9359) is a second-generation retinoid to treat severe psoriasis; has been replaced by acitretin, a safer metabolite of etretinate.

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

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