Etofenamate

**Cat. No.:** HY-17361
**CAS No.:** 30544-47-9
**Molecular Formula:** C₁₈H₁₈F₃NO₄
**Molecular Weight:** 369.34
**Target:** Others
**Pathway:** Others
**Storage:** Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

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**SOLVENT & SOLUBILITY**

**In Vitro**

DMSO : ≥ 50 mg/mL (135.38 mM)

* "≥" means soluble, but saturation unknown.

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 1 mg</th>
<th>Mass 5 mg</th>
<th>Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.7075 mL</td>
<td>13.5377 mL</td>
<td>27.0753 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.5415 mL</td>
<td>2.7075 mL</td>
<td>5.4151 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2708 mL</td>
<td>1.3538 mL</td>
<td>2.7075 mL</td>
<td></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 >> 40% PEG300 >> 5% Tween-80 >> 45% saline

Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution

2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)

Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution

3. Add each solvent one by one: 10% DMSO >> 90% corn oil

Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution

**BIOLOGICAL ACTIVITY**

**Description**

Etofenamate is a non-steroidal anti-inflammatory drug used for the treatment joint and muscular pain.

**REFERENCES**


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