Etofenamate

Product Data Sheet

**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

### SOLVENT & SOLUBILITY

#### In Vitro

<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>2.7075 mL</td>
<td>13.5377 mL</td>
<td>27.0753 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.5415 mL</td>
<td>2.7075 mL</td>
<td>5.4151 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2708 mL</td>
<td>1.3538 mL</td>
<td>2.7075 mL</td>
</tr>
</tbody>
</table>

* "≥" means soluble, but saturation unknown.

#### Preparing Stock Solutions

**DMSO:** ≥ 50 mg/mL (135.38 mM)

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

<table>
<thead>
<tr>
<th>Product Data Sheet</th>
<th>Inhibitors</th>
<th>Agonists</th>
<th>Screening Libraries</th>
</tr>
</thead>
</table>

www.MedChemExpress.com


Caution: Product has not been fully validated for medical applications. For research use only.
Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA