Benzbromarone

Cat. No.: HY-B1135
CAS No.: 3562-84-3
Molecular Formula: C₁₇H₁₂Br₂O₃
Molecular Weight: 424.08
Target: Xanthine Oxidase
Pathway: Metabolic Enzyme/Protease
Storage:
- Powder: -20°C 3 years, 4°C 2 years
- In solvent: -80°C 6 months, -20°C 1 month

**SOLVENT & SOLUBILITY**

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>≥ 39 mg/mL (91.96 mM) *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 mM</td>
<td>2.3580 mL</td>
<td>11.7902 mL</td>
<td>23.5805 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4716 mL</td>
<td>2.3580 mL</td>
<td>4.7161 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2358 mL</td>
<td>1.1790 mL</td>
<td>2.3580 mL</td>
<td></td>
</tr>
</tbody>
</table>

* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

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

**BIOLOGICAL ACTIVITY**

Description: Benzbromarone is a highly effective and well tolerated non-competitive inhibitor of xanthine oxidase, used as an uricosuric agent, used in the treatment of gout.

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