1,3,5-Trimethylpyrazole

Cat. No.: HY-N7086
CAS No.: 1072-91-9
Molecular Formula: C₆H₁₀N₂
Molecular Weight: 110.16
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**
DMSO: 100 mg/mL (907.77 mM; Need ultrasonic)

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Concentration</th>
<th>Mass</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>9.0777 mL</td>
<td>45.3885 mL</td>
<td>90.7771 mL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>1.8155 mL</td>
<td>9.0777 mL</td>
<td>18.1554 mL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.9078 mL</td>
<td>4.5389 mL</td>
<td>9.077 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 (22.69 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (22.69 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (22.69 mM); Clear solution

**BIOLOGICAL ACTIVITY**

Description
1,3,5-Trimethylpyrazole is a compound used for chemical synthesis[1].

**REFERENCES**

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

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