Ligustrazine hydrochloride

Cat. No.: HY-N0935  
CAS No.: 76494-51-4  
Molecular Formula: C₈H₁₂N₂  
Molecular Weight: 136.19  
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: ≥ 300 mg/mL (2202.80 mM)  
*“≥” means soluble, but saturation unknown.

<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>7.3427 mL</td>
<td>36.7134 mL</td>
<td>73.4268 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>1.4685 mL</td>
<td>7.3427 mL</td>
<td>14.6854 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.7343 mL</td>
<td>3.6713 mL</td>
<td>7.3427 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description  
Ligustrazine (hydrochloride) is a natural product. IC50 value: Target: In vitro: Ligustrazine hydrochloride displayed a protection effect on injured ECV304 cells. NOS and NO formation were significantly increased compared with the model group [1]. In vivo:

REFERENCES


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

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