Heptaminol hydrochloride

Cat. No.: HY-B1231
CAS No.: 543-15-7
Molecular Formula: C₈H₂₀ClNO
Molecular Weight: 181.7
Target: Others
Pathway: Others
Storage:
- Powder: -20°C for 3 years, 4°C for 2 years
- In solvent:
  - -80°C: 6 months
  - -20°C: 1 month

Solvent & Solubility

In Vitro
DMSO: ≥ 100 mg/mL (550.36 mM)
* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass for 1 mg</th>
<th>Mass for 5 mg</th>
<th>Mass for 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td></td>
<td>5.5036 mL</td>
<td>27.5179 mL</td>
<td>55.0358 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td></td>
<td>1.1007 mL</td>
<td>5.5036 mL</td>
<td>11.0072 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td></td>
<td>0.5504 mL</td>
<td>2.7518 mL</td>
<td>5.5036 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Heptaminol hydrochloride is a vasoconstrictor, used in the treatment of low blood pressure, particularly orthostatic hypotension. In vivo: In the rat, Heptaminol hydrochloride prevents orthostatic hypotension, and increases the noradrenaline plasma concentration. In bovine chromaffin cells maintained in primary cultures, Heptaminol hydrochloride is found to be a competitive inhibitor of noradrenaline uptake.[1]

REFERENCES


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