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, 3 years; 4°C, 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.*

<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>5.5036 mL</td>
<td>27.5179 mL</td>
<td>55.0358 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>1.1007 mL</td>
<td>5.5036 mL</td>
<td>11.0072 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</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