Lecirelin

Cat. No.: HY-P0051
CAS No.: 61012-19-9
Molecular Formula: C₅₉H₈₄N₁₆O₁₂
Molecular Weight: 1209.4
Target: GNRH Receptor
Pathway: GPCR/G Protein
Storage: Powder -80°C 2 years
-20°C 1 year
In solvent -80°C 6 months
-20°C 1 month

Solvent & Solubility

In Vitro DMSO : 12.1 mg/mL (10.00 mM; Need ultrasonic and warming)

<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>1 mM</td>
<td>0.8269 mL</td>
<td>1.654 mL</td>
<td>0.8269 mL</td>
<td>1.6537 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.1654 mL</td>
<td>0.8269 mL</td>
<td>1.6537 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.0827 mL</td>
<td>0.4134 mL</td>
<td>0.8269 mL</td>
<td></td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Lecirelin is a synthetic GnRH (gonadotropin releasing hormone) analogue which shows a great efficacy in the treatment of bovine ovarian follicular cysts.

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