Lecirelin

Cat. No.: HY-P0051  
CAS No.: 61012-19-9  
Molecular Formula: $C_{59}H_{84}N_{16}O_{12}$  
Molecular Weight: 1209.4  
Sequence: (Glp)-His-Trp-Ser-Tyr-Val-Leu-Arg-Pro  
Sequence Shortening: (Glp)-HWSYVLRP  
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**

<table>
<thead>
<tr>
<th>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>4.1343 mL</td>
<td>8.2686 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.1654 mL</td>
<td>0.8269 mL</td>
<td>1.6537 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.0827 mL</td>
<td>0.4134 mL</td>
<td>0.8269 mL</td>
</tr>
</tbody>
</table>

Prepare stock solutions of 10 mM.

<table>
<thead>
<tr>
<th>Concentration</th>
<th>0.0827 mL</th>
<th>0.4134 mL</th>
<th>0.8269 mL</th>
</tr>
</thead>
</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.

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