HCGRP-(8-37)

Cat. No.: HY-P1014
CAS No.: 119911-68-1
Molecular Formula: C₁₃₉H₂₃₀N₄₄O₃₈
Molecular Weight: 3125.59
Sequence Shortening: VTHRLAGLLSRSGGVKKNNFVPTNVGSKAF
Target: CGRP Receptor
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Powder
-80°C 2 years
-20°C 1 year
In solvent
-80°C 6 months
-20°C 1 month

SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 20 mg/mL (6.40 mM)
* "≥" means soluble, but saturation unknown.

Preparation Stock Solutions

<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>0.3199 mL</td>
<td>1.5997 mL</td>
<td>3.1994 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.0640 mL</td>
<td>0.3199 mL</td>
<td>0.6399 mL</td>
</tr>
<tr>
<td>10 mM</td>
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</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
HCGRP-(8-37) is a human calcitonin gene-related peptide (hCGRP) fragment and also an antagonist of CGRP receptor.

IC₅₀ & Target
CGRP receptor[^1]

REFERENCES

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