Gastrin-releasing peptide (GRP) is an endogenous bombesin-like peptide that stimulates the release of gastrin by binding GRP receptors; it is involved in feeding behavior (acting as an anorexigenic), circadian rhythms, and stress signaling. GRP induces scratching behavior in vivo and exhibits pro-angiogenic activity in cancer models, inducing expression of IL-8 in a hepatocyte growth factor-dependent manner in gastric cancer cells.

References


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.

---

**Product Information**

**Product ID** G0182  
**CAS No.** 74815-57-9

**Chemical Name**

**Synonym** GRP

**Formula** \( \text{C}_{126}\text{H}_{198}\text{N}_{38}\text{O}_{31}\text{S}_{2} \)

**Formula Wt.** 2805.40

**Melting Point**

- **Purity** ≥98%
- **Solubility** Soluble in water (1 mg/mL).

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** Gastrin-releasing peptide (GRP) is an endogenous bombesin-like peptide that stimulates the release of gastrin by binding GRP receptors; it is involved in feeding behavior (acting as an anorexigenic), circadian rhythms, and stress signaling. GRP induces scratching behavior in vivo and exhibits pro-angiogenic activity in cancer models, inducing expression of IL-8 in a hepatocyte growth factor-dependent manner in gastric cancer cells.

**References**


---

**Pricing and Availability**

**Bulk quantities available upon request**

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Size</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>G0182</td>
<td>1 mg</td>
<td>$472.50</td>
</tr>
</tbody>
</table>