

## Data Sheet

|                    |                                         |                                                |
|--------------------|-----------------------------------------|------------------------------------------------|
| Product Name:      | HCGRP-(8-37)                            |                                                |
| Cat. No.:          | CS-8105                                 |                                                |
| CAS No.:           | 119911-68-1                             |                                                |
| Molecular Formula: | C139H230N44O38                          |                                                |
| Molecular Weight:  | 3125.59                                 | VTHRLAGLLSRSGGVVKNNFVPTNVGSKAF-NH <sub>2</sub> |
| Target:            | CGRP Receptor                           |                                                |
| Pathway:           | GPCR/G Protein; Neuronal Signaling      |                                                |
| Solubility:        | H <sub>2</sub> O : ≥ 20 mg/mL (6.40 mM) |                                                |

### BIOLOGICAL ACTIVITY:

HCGRP-(8-37) is a human calcitonin gene-related peptide (hCGRP) fragment and also an antagonist of **CGRP receptor**. Sequence: Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asn-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe . IC50 & Target: CGRP receptor<sup>[1]</sup>

### References:

[1]. Chiba T, et al. Calcitonin gene-related peptide receptor antagonist human CGRP-(8-37). Am J Physiol. 1989 Feb;256(2 Pt 1):E331-5.

### CAIndexNames:

8-37- $\alpha$ -Calcitonin gene-related peptide (human)

### SMILES:

[VTHRLAGLLSRSGGVVKNNFVPTNVGSKAF-NH2]

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA