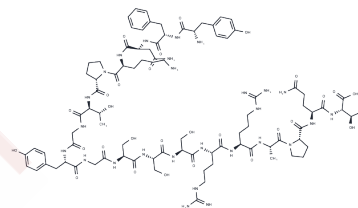


IGF-I (24-41)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 135861-49-3 |
| Formula: | C88H133N27O28 |
| Molecular Weight: | 2017.16 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | IGF-I (24-41) is a 24-41 amino acid fragment of Insulin-like Growth Factor I (IGF-I), which contributes to systemic GH activities and exhibits various properties such as anabolic, antioxidant, anti-inflammatory, and cytoprotective. |
| Targets(IC50) | IGF-1R |

Solubility Information

| | |
|------------|--|
| Solubility | H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.4957 mL | 2.4787 mL | 4.9575 mL |
| 5 mM | 0.0991 mL | 0.4957 mL | 0.9915 mL |
| 10 mM | 0.0496 mL | 0.2479 mL | 0.4957 mL |
| 50 mM | 0.0099 mL | 0.0496 mL | 0.0991 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Puche JE, et al. Human conditions of insulin-like growth factor-I (IGF-I) deficiency. J Transl Med. 2012 Nov 14;10:224.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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