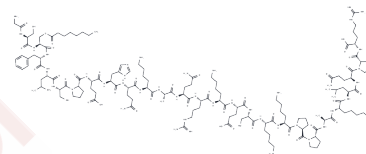


## des-Gln14-Ghrelin

## Chemical Properties

CAS No. :	293735-04-3
Formula:	C142H237N43O40
Molecular Weight:	3186.7
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	An endogenous ligand for the ghrelin receptor (GHS-R1a), produced by alternative splicing of the rat ghrelin gene. Potently induces Ca <sup>2+</sup> release in cells expressing ghrelin receptors (EC <sub>50</sub> = 2.4 nM) and stimulates GH release in vivo.
Targets(IC50)	GHSR

## Solubility Information

Solubility	H2O: 2 mg/mL (0.63 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3138 mL	1.569 mL	3.138 mL
5 mM	0.0628 mL	0.3138 mL	0.6276 mL
10 mM	0.0314 mL	0.1569 mL	0.3138 mL
50 mM	0.0063 mL	0.0314 mL	0.0628 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

Hosoda et al (2000) Purification and characterization of rat des-Gln14-ghrelin, a second endogenous ligand for the GH secretagogue receptor. J.Biol.Chem. 275 21995 PMID:

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