

des-Gln14-Ghrelin

Cat. No.:	HY-P1366
CAS No.:	293735-04-3
Molecular Formula:	C ₁₄₂ H ₂₃₇ N ₄₃ O ₄₀
Molecular Weight:	3186.67
Sequence:	Gly-Ser-{Oct-Ser}-Phe-Leu-Ser-Pro-Glu-His-Gln-Lys-Ala-Gln-Arg-Lys-Glu-Ser-Lys-Lys-Pro-Pro-Ala-Lys-Leu-Gln-Pro-Arg
Sequence Shortening:	GS-{Oct-Ser}-FLSPEHQKAQRKESKKPPAKLQPR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

des-Gln14-Ghrelin is a second endogenous ligand for the growth hormone secretagogue receptor. a). des-Gln14-ghrelin potently induces increases in [Ca²⁺]_i in CHO-GHSR62 cells, with an EC₅₀ of 2.4 nM^[1].

REFERENCES

[1]. H Hosoda, et al. Purification and Characterization of Rat des-Gln14-Ghrelin, a Second Endogenous Ligand for the Growth Hormone Secretagogue Receptor. J Biol Chem. 2000 Jul 21;275(29):21995-2000.

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