

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:	GHSR
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

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.

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