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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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(Ser8)-GLP-1 (7-36) amide, human

Cat. No.:	HY-P3622	
CAS No.:	215777-46-1	
Molecular Formula:	C ₁₄₉ H ₂₂₆ N ₄₀ O ₄₆	His-Ser-Glu-Gly-Thr-Phe-Thr-Ser-Asp-
Molecular Weight:	3313.63	Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-
Sequence:	His-Ser-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu -Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-NH ₂	Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val- Lys-Gly-Arg-NH ₂
Sequence Shortening:	HSEGTFTSDVSSYLEGQAAKEFIAWLKGR-NH ₂	
Target:	GCGR	
Pathway:	GPCR/G Protein	
Storage:	Sealed storage, away from moisture	
	Powder	-80°C 2 years -20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

SOLVENT & SOLUBILITY

In Vitro

H₂O : 10 mg/mL (3.02 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.3018 mL	1.5089 mL	3.0178 mL
	5 mM	---	---	---
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(Ser8)-GLP-1 (7-36) amide, human is a glucagon-like peptide 1 amide derived from glucagonogen, a cleavage product of the GLP-1 (1-36) amide peptide. (Ser8)-GLP-1 (7-36) amide, human is an entero-insulinotropic hormone that causes glucose-dependent release of insulin from pancreatic β -cells and affects gastrointestinal motility and secretion^[1].

REFERENCES

[1]. J Schirra, et al. Effects of glucagon-like peptide-1(7-36)amide on motility and sensation of the proximal stomach in humans. Gut. 2002 Mar;50(3):341-8.

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

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