

[Des-His1,Glu9]-Glucagon amide TFA

Cat. No.:	HY-P1143A
Molecular Formula:	C ₁₅₀ H ₂₂₂ F ₃ N ₄₁ O ₄₉ S
Molecular Weight:	3472.67
Sequence:	Ser-Gln-Gly-Thr-Phe-Thr-Ser-Glu-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-NH ₂
Sequence Shortening:	SQGTFTSEYSKYLDSRRAQDFVQWLMNT-NH ₂
Target:	Glucagon Receptor
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)

BIOLOGICAL ACTIVITY

Description	[Des-His1,Glu9]-Glucagon amide TFA is a potent and peptide antagonist of the glucagon receptor, with a pA ₂ of 7.2. [Des-His1,Glu9]-Glucagon amide TFA is potentially useful in the study of the pathogenesis of diabetes ^[1] .
IC ₅₀ & Target	glucagon receptor ^[1]

REFERENCES

[1]. Unson CG, et, al. Biological activities of des-His1[Glu9]glucagon amide, a glucagon antagonist. Peptides. 1989 Nov; 10(6): 1171-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA