

[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:	SQGTFTSEYSKYLDSSRAQDFVQWLMNT-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)

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.

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