

GLP-1 (1-36) amide (human, rat) (TFA)

Cat. No.:	HY-P5815A	
Molecular Formula:	$C_{184}H_{273}N_{51}O_{57} \cdot xC_2HF_3O_2$	
Sequence:	His-Asp-Glu-Phe-Glu-Arg-His-Ala-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 (TFA salt)	HDEFERHAEGTFTSDVSSYLEGQAAKEFIAWLKGR-NH ₂ (TFA Salt)
Sequence Shortening:	HDEFERHAEGTFTSDVSSYLEGQAAKEFIAWLKGR-NH ₂ (TFA salt)	
Target:	GLP Receptor; GCGR	
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)	

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 16.67 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	GLP-1 (1-36) amide (human, rat) (Glucagon-like Peptide 1 (1-36) amide (human, rat)) TFA is a molecular variant of glucagon-like peptide 1 (GLP-1)-(7-36) amide. GLP-1 (1-36) amide (human, rat) TFA can stimulate [¹⁴ C]aminopyrine accumulation on enzymatically dispersed enriched rat parietal cells ^[1] .
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REFERENCES

[1]. Schmidtler J, Schepp W, Janczewska I, et al. GLP-1-(7-36) amide, -(1-37), and -(1-36) amide: potent cAMP-dependent stimuli of rat parietal cell function. Am J Physiol. 1991;260(6 Pt 1):G940-G950.

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

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