Glucagon-Like Peptide 1 (GLP-1) (7-36)-Lys (Biotin), amide, human

Cat. No.:	HY-P2535
Molecular Formula:	$C_{165}H_{252}N_{44}O_{48}S$
Molecular Weight:	3649.84
Sequence:	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-{Lys-Biotin}-NH2 HAEGTFTSDVSSYLEGQAAKEFIAWLVKGRK(Biotin)-NH_2
Sequence Shortening:	HAEGTFTSDVSSYLEGQAAKEFIAWLVKGR-{Lys-Biotin}-NH2
Target:	GLP Receptor
Pathway:	GPCR/G Protein
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

H_2O : 4 mg/mL (1.10 mM; ultrasonic and adjust pH to 3 with HCl)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	0.2740 mL	1.3699 mL	2.7398 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Glucagon-Like Peptide 1 (GLP-1) (7-36)-Lys (Biotin), amide, human is an C-terminal-labelled biotinylated GLP-1 (7-36) amide.

REFERENCES

[1]. Li P, et, al. Farnesoid X Receptor (FXR) Interacts with Camp Response Element Binding Protein (CREB) to Modulate Glucagon-Like Peptide-1 (7-36) Amide (GLP-1) Secretion by Intestinal L Cell. Cell Physiol Biochem. 2018; 47(4): 1442-1452.

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

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