

Bamadutide

Cat. No.:	HY-P10018
CAS No.:	1596343-09-7
Molecular Formula:	C ₂₀₀ H ₃₁₃ N ₅₁ O ₆₃
Molecular Weight:	4439.93
Sequence:	His-(d-Ser)-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-{N ⁶ -(N-(1-oxohexadecyl)-Ggu)-Lys}-Glu-Ser-Lys-Ala-Ala-Gln-Asp-Phe-Ile-Glu-Trp-Leu-Lys-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂
Sequence Shortening:	H-[d-Ser]-QGTFTSDLSKQ-{N ⁶ -(N-(1-oxohexadecyl)-Ggu)-Lys}-ESKAAQDFIEWLKAGGPS SGAPPPS-NH ₂
Target:	GLP Receptor; GCGR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Bamadutide (SAR425899) is a potent dual glucagon-like peptide-1 receptor/glucagon receptor agonist. Bamadutide (SAR425899) improves postprandial glucose control by significantly enhancing β -cell function and slowing glucose absorption rate in vivo. Bamadutide (SAR425899) can be used for type 2 diabetes research^[1].

REFERENCES

[1]. Olof Eriksson, et al. Imaging of the Glucagon Receptor in Subjects with Type 2 Diabetes. J Nucl Med. 2021 Jun 1;62(6):833-838.

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

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