

Bamadutide

Cat. No.:	HY-P10018
CAS No.:	1596343-09-7
Batch No.:	435757
Chemical Name:	L-Serinmaide, L-histidyl-D-seryl-L-glutaminyglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- α -aspartyl-L-leucyl-L-seryl-L-lysyl-L-glutaminy-L-N6-[N-(1-oxohexadecyl)-L- γ -glutamyl]-L-lysyl-L- α -glutamyl-L-seryl-L-lysyl-L-alanyl-L-alanyl-L-glutaminy-L- α -aspartyl-L-phenylalanyl-L-isoleucyl-L- α -glutamyl-L-tryptophyl-L-leucyl-L-lysyl-L-alanyglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-prolyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₀₀ H ₃₁₃ N ₅₁ O ₆₃
Molecular Weight:	4439.93
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)

Chemical Structure:

His-(D-Ser)-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-(N₆-(N-(1-oxohexadecyl)-Glu)-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-NH₂

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	99.96%
Conclusion:	The product has been tested and complies with the given specifications.

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

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