RedChemExpress

Certificate of Analysis

Tirzepatide

Cat. No.:	HY-P1731
CAS No.:	2023788-19-2
Batch No.:	284376
Chemical Name:	${\sf L}-{\sf Serinamide}, {\sf L}-tyrosyl-2-methylalanyl-{\sf L}-\alpha-glutamylglycyl-{\sf L}-threonyl-{\sf L}-phenylalanyl-{\sf L}-threonyl-{\sf L}-threonyl-$
	l-L-seryl-L-α-aspartyl-L-tyrosyl-L-seryl-L-isoleucyl-2-methylalanyl-L-leucyl-L-α-aspartyl-L-lysyl-L
	-isoleucyl-L-alanyl-L-glutaminyl-N6-[(22S)-22,42-dicarboxy-1,10,19,24-tetraoxo-3,6,12,15-tetrao
	xa-9,18,23-triazadotetracont-1-yl]-L-lysyl-L-alanyl-L-phenylalanyl-L-valyl-L-glutaminyl-L-trypto
	phyl-L-leucyl-L-isoleucyl-L-alanylglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-pr
	olyl-L-prolyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₂₅ H ₃₄₈ N ₄₈ O ₆₈		
Molecular Weight:	4813.45		
Storage:	Sealed storage, away from moisture and light		
	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)

Chemical Structure:

ANALYTICAL DATA	
Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	99.64%
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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