

Zilucoplan

Cat. No.:	HY-P3502
CAS No.:	1841136-73-9
Batch No.:	348086
Chemical Name:	Poly(oxy-1,2-ethanediyl), α -[2-[[[(4S)-4-carboxy-1-oxo-4-(1-oxohexadecyl)butyl]amino]ethyl]- ω -hydroxy-, 15-ether with N-acetyl-L-lysyl-L-valyl-L- α -glutamyl-L-arginyl-L-phenylalanyl-L- α -aspartyl-N-methyl-L- α -aspartyl-3-methyl-L-valyl-L-tyrosyl-3-(1H-pyrrolo[2,3-b]pyridin-3-yl)-L-alanyl-L- α -glutamyl-L-tyrosyl-L-prolyl-(2S)-2-cyclohexylglycyl-N6-(3-hydroxy-1-oxopropyl)-L-lysine (6 \rightarrow 1)-lactam

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₇₂ H ₂₇₈ N ₂₄ O ₅₅
Molecular Weight:	3562.18
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:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (HPLC):	95.33%
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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