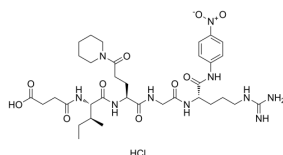


Certificate of Analysis

Product Name:	Suc-Ile-Glu(γ -pip)-Gly-Arg-pNA (hydrochloride)
Cat. No.:	CS-0146537
CAS No.:	1379822-04-4
Batch No.:	254436
Chemical Name:	L-Argininamide, N-(3-carboxy-1-oxopropyl)-L-isoleucyl-5-oxo-5-(1-piperidiny)-L-norvalylglycyl-N-(4-nitrophenyl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₄ H ₅₃ ClN ₁₀ O ₁₀
Molecular Weight:	797.30
Storage:	-80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture and light, under nitrogen)
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.00%
Peptide Content (%):	94.3%
Nitrogen Content(N%):	16.57%
Carbon Content(C%):	48.20%
Hydrogen Content(H%):	6.271%
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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