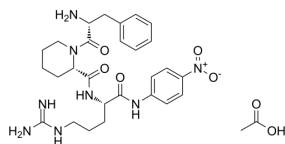


Certificate of Analysis

Product Name:	H-D-Phe-Pip-Arg-pNA (acetate)
Cat. No.:	CS-0136435
CAS No.:	115388-96-0
Batch No.:	90667
Chemical Name:	L-Argininamide, D-phenylalanyl-(2S)-2-piperidinecarbonyl-N-(4-nitrophenyl)-, triacetate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₉ H ₄₀ N ₈ O ₇
Molecular Weight:	612.68
Storage:	-80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture)
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.14%
Nitrogen Content(N%):	16.38%
Carbon Content(C%):	51.25%
Hydrogen Content(H%):	6.306%
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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