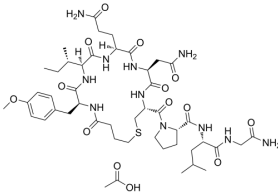


Certificate of Analysis

Product Name:	Carbetocin (acetate)
Cat. No.:	CS-0012390
CAS No.:	1631754-28-3
Batch No.:	121292
Chemical Name:	(S)-1-((3R,6S,9S,12S,15S)-6-(2-amino-2-oxoethyl)-9-(3-amino-3-oxopropyl)-12-((S)-sec-butyl)-15-(4-methoxybenzyl)-5,8,11,14,17-pentaoxo-1-thia-4,7,10,13,16-pentaazacycloicosane-3-carbonyl)-N-((S)-1-((2-amino-2-oxoethyl)amino)-4-methyl-1-oxopentan-2-yl)pyrrolidine-2-carboxamide acetate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄₇ H ₇₃ N ₁₁ O ₁₄ S
Molecular Weight:	1048.21
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)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.81%
Elemental Analysis	
Theoretical:	C(-), H(-), N(-), Peptide Content(≥60.0%)
Result:	C(50.18%), H(7.62%), N(14.30%), Peptide Content(91.70%)
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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