

Certificate of Analysis

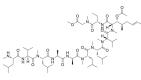
Cyclosporin A-Derivative 1 (Free base)

Cat. No.:	HY-P1355A
CAS No.:	286852-20-8
Batch No.:	250828
Chemical Name:	Glycine, N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-met
	hyl-L-leucyl-N-methyl-L-valyl-(2S,3R,4R,6E)-3-(acetyloxy)-4-methyl-2-(methylamino)-6-octenoyl
	-(2S)-2-aminobutanoyl-N-methyl-, methyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{65}H_{117}N_{11}O_{14}$		
Molecular Weight:	1276.69		
Storage:	Sealed storage, away from moisture		
	Powder	-80°C	2 years
		-20°C	1 year
	* In solvent : -80°	ns; -20°C, 1 month (sealed storage, away from moisture)	

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	98.81%
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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