Certificate of Analysis

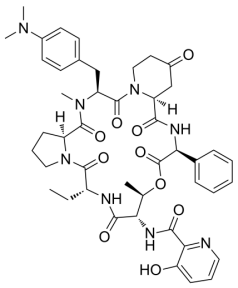
Pristinamycin IA

Cat. No.:	HY-A0279A
CAS No.:	3131-03-1
Batch No.:	96043
Chemical Name:	N-[(3S,6S,12R,15S,16R,19S,22S)-3-[[4-(dimethylamino)phenyl]methyl]-12-ethyl-4,16-dimethyl-2,5,11,14,18,21,24-heptaoxo-19-phenyl-17-oxa-1,4,10,13,20-pentazatricyclo[20.4.0.06,10]hexacosan-15-yl]-3-hydroxypyridine-2-carboxamide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{45}H_{54}N_8O_{10}$		
Molecular Weight:	**866.96**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**98.91%**
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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