Certificate of Analysis

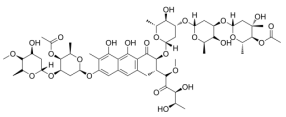
Chromomycin A3

Cat. No.:	HY-W040129
CAS No.:	7059-24-7
Batch No.:	120652
Chemical Name:	D-threo-2-Pentulose, 1-C-[(2S,3S)-7-[[4-O-acetyl-2,6-dideoxy-3-O-(2,6-dideoxy-4-O-methyl-α-D-lyxo-hexopyranosyl)-β-D-lyxo-hexopyranosyl]oxy]-3-[[O-4-O-acetyl-2,6-dideoxy-3-C-methyl-α-L-arabino-hexopyranosyl-(1→3)-O-2,6-dideoxy-β-D-arabino-hexopyranosyl-(1→3)-2,6-dideoxy-β-D-arabino-hexopyranosyl]oxy]-1,2,3,4-tetrahydro-5,10-dihydroxy-6-methyl-4-oxo-2-anthracenyl]-5-deoxy-1-O-methyl-, (1S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{57}H_{82}O_{26}$		
Molecular Weight:	**1183.25**		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.66%**
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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