Certificate of Analysis

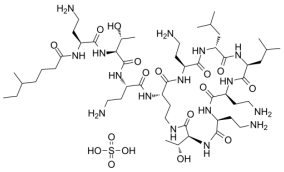
Colistin (sulfate)

Cat. No.:	HY-A0089
CAS No.:	1264-72-8
Batch No.:	16647
Chemical Name:	Colistin, sulfate (salt)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{52}H_{100}N_{16}O_{17}S$		
Molecular Weight:	1253.51		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
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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