

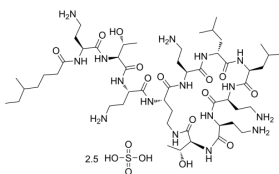
## Colistin (sulfate)

Cat. No.:	HY-A0089
CAS No.:	1264-72-8
Batch No.:	156655
Chemical Name:	Colistin, sulfate (salt)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>52</sub> H <sub>98</sub> N <sub>16</sub> O <sub>13</sub> ·2.5H <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	1400.64
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
Potency (dried substance):	23203 IU/mg
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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