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Product Datasheet

GA9867 - Colistin sulfate salt

Pictograms



Product Details

Product Name Colistin sulfate salt

 Glentham Code
 GA9867

 CAS Number
 1264-72-8

 EINECS
 215-034-3

 MDL Number
 MFCD00146495

PubChem SID 310270455

Related Categories APIs, Antibiotics, Biochemicals,

Antimicrobials

Glentham Product Specification

Physical: White to pale yellow, hygroscopic

Description powder pH (1% solution) : 4.0 - 6.0

Sulphate : 16.0 - 18.0 % (anhydrous)

Loss on Drying : $\leq 9.0\%$ (105 °C, 1h)

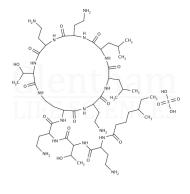
Sulphated Ash : ≤ 1.0%

Potency : ≥ 19000U/mg (dried basis)

Version : v1.1

Structure

Molecular Weight : Molecular Formula :



About Colistin sulfate salt

Colistin sulfate salt is a polymyxin antibiotic that disrupts the cell membrane of gram-negative bacteria. It is frequently used as a last resort treatment due to its potency and effectiveness against multi-drug resistant bacteria. Resistance to colistin exists but is currently rare. The sulfate salt of colistin is used to treat intestinal or skin infections.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.
CLP Classification Acute Tox. 3
Signal Word Danger
Hazard Codes H301

Precautionary Codes P280, P301+P310

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