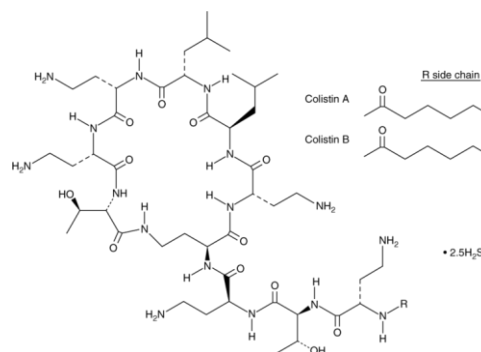


Catalog	Unit
TBS0004-1G	1g
TBS0004-5G	5g

Product Details

Formal Name: Colistin, sulfate salt
Synonyms: Polymyxin E Complex
Molecular Formula: $[C_{52}H_{98}N_{16}O_{13}]_2 \cdot 5H_2SO_4$
Formula Weight: 2801.3
CAS Number: 1264-72-8
Purity: $\geq 95\%$
Formulation: A crystalline solid
Solubility: PBS (pH 7.2): 10 mg/ml
Storage: Room temperature
Stability: ≥ 2 years



Description

Colistin sulfate is a polypeptide antibiotic which inhibits gram-negative bacteria by binding to lipopolysaccharides and phospholipids in the outer cell membrane of gram-negative bacteria.

Application Procedures:

Colistin sulfate can be dissolved in PBS, pH7.2 and other aqueous buffer. The solubility is 10mg/mL.

Relative Products

TBS2501: Teflon O-Ring certified for CAM Assay
 TBS2001: Resazurin Cell Viability
 TBS2002: LDH Cytotoxicity Assay
 TBS2003: MTT Cell Viability Assay
 TBS2008: Trypan Blue Cell Viability Assay
 TBS2009: Neutral Red Cell Viability Assay

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