

Colistin

Chemical Properties

CAS No. : 1066-17-7

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Colistin (Polymyxin E), a polypeptide antibiotic with oral activity, exhibits strong efficacy against a range of Gram-negative rod-shaped bacteria, such as multidrug-resistant <i>Pseudomonas aeruginosa</i> , <i>Acinetobacter baumannii</i> , and <i>Klebsiella pneumoniae</i> . However, its use is associated with nephrotoxicity. It is primarily utilized in researching infections caused by Gram-negative bacilli [1] [2].
Targets(IC50)	Others,Antibacterial,Antibiotic

Reference

Tang F, Peng W, Kou X, et al.High-throughput screening identification of apigenin that reverses the colistin resistance of mcr-1-positive pathogens.Microbiology Spectrum.2024: e00341-24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481