



Product Information

Antifection inhibitor Colistin sulfate, Purity ≥98%

Cat. No.: X24-07-ZQ069

Size: 100 mg; 250 mg; 500 mg; 1000 mg

CAS Number: 1264-72-8

Synonym: 1264-72-8; Antifection inhibitor; Polymyxin E Sulfate

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Colistin sulfate, soluble in water and insoluble in DMSO and ethanol, has strong immunosuppressant properties.
Molecular Weight	1267.55
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: Insoluble; Water: 88 mg/mL; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Colistin sulfate is utilized to study and treat infections caused by multidrug-resistant Gram-negative bacteria, often in a research setting focusing on bacterial cell membrane disruption.
Storage	Store at -20°C, and keep desiccated.