**硫酸多粘菌素B；多黏菌素 Polymyxin B Sulfate**

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**Technical literature is available at:** [**www.mesgenbio.com**](http://www.mesgenbio.com)**. E-mail MesGen Technical Services if you have questions on use of this system: tech@mesgenbio.com**

**Catalog Number :** MG7213  **Packaging Size :** 1g & 5g

**CAS :** 1405-20-5

**USP grade,** ≥6,000 USP units/mg

**Molecular Weight :** 1301.56

**Molecular Formula :** C56H98N16O13·H2SO4

**Synonym :** Aerosporin, Polymyxin B Sulfate



**Description**

An antibiotic that inhibits phospholipid-sensitive Ca2+-dependent protein kinases. Mixture of polymyxin B1 sulfate and polymyxin B2 sulfate. Binds to cell wall and makes it more permeable, causing fluid uptake. Effective against Gram-negative bacteria.

**Primary Target**

Phospholipid sensitive Ca2+ dependent protein kinases

**Solubility**

water: 25 mg/mL

**Storage condition**

2-8**°C** & Store in the dark

**中文简介**

多粘菌素系由多粘芽胞杆菌（bacilluspolymyxa）产生的一组多肽类抗生素。多粘菌素B和E供药用，常用其硫酸盐。硫酸多粘菌素B其抗菌谱及临床应用与多粘菌素E相似，对革兰阴性杆菌，如大肠杆菌、绿脓杆菌、副大肠杆菌、肺炎克雷白杆菌、嗜酸杆菌、百日咳杆菌及痢疾杆菌等有抑制或杀菌作用。

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