

Product Data Sheet

Polymyxin B (sulfate)

Cat. No.:	C3090
CAS No.:	1405-20-5
Formula:	C ₅₆ H ₉₈ N ₁₆ O ₁₃ ·H ₂ SO ₄
M.Wt:	1301.6
Synonyms:	Aerosporin, Mastimyxin
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≤2mg/ml in PBS(pH7.2)

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	0.7683 mL	3.8414 mL	7.6829 mL
	5 mM	0.1537 mL	0.7683 mL	1.5366 mL
	10 mM	0.0768 mL	0.3841 mL	0.7683 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

bactericidal activity against major multidrug-resistant Gram-negative bacteria.

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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