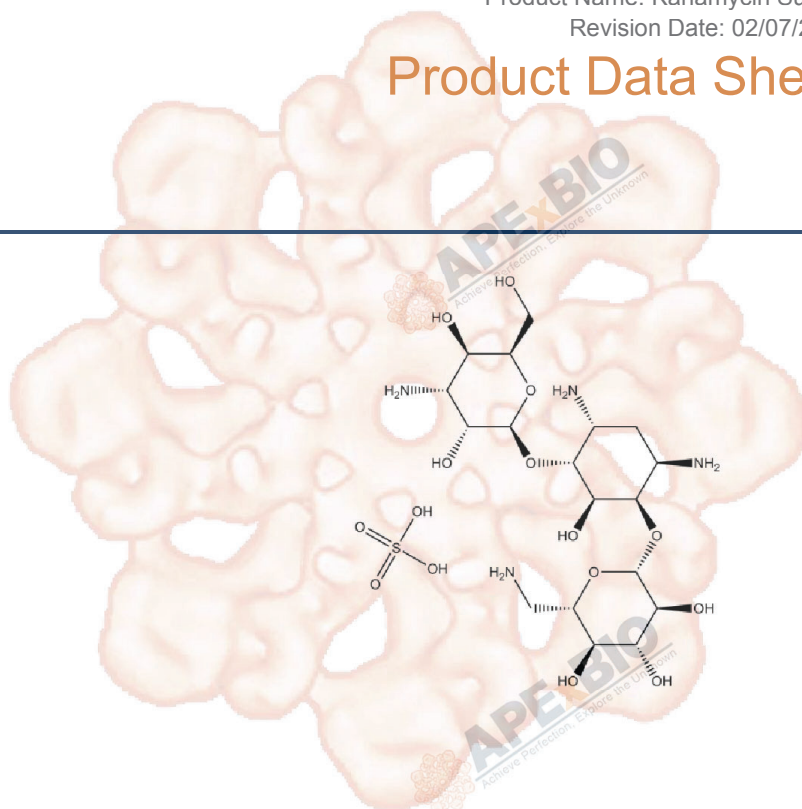


Product Data Sheet

Kanamycin Sulfate

Cat. No.:	A2516
CAS No.:	25389-94-0
Formula:	C ₁₈ H ₃₆ N ₄ O ₁₁ ·H ₂ SO ₄
M.Wt:	582.58
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥ 29.13 mg/mL in H₂O; insoluble in EtOH; insoluble in DMSO

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	1.7165 mL	8.5825 mL	17.1650 mL
		5 mM	0.3433 mL	1.7165 mL	3.4330 mL
		10 mM	0.1717 mL	0.8583 mL	1.7165 mL

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

Biological Activity

Shortsummary	Water-soluble antibiotic	
IC ₅₀ & 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 APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term 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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