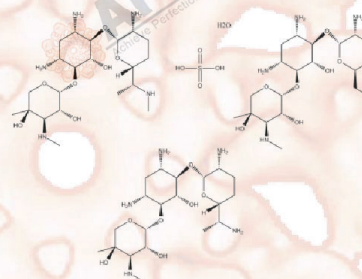


Product Data Sheet

Gentamycin Sulfate

Cat. No.:	A2514
CAS No.:	1405-41-0
Formula:	C ₆₀ H ₁₂₇ N ₁₅ O ₂₆ S
M.Wt:	1506.80
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥51.1 mg/mL in H₂O; insoluble in DMSO; insoluble in EtOH

In Vitro	Preparing Stock Solutions	Solvent	Mass	Concentration	1mg	5mg	10mg
				1 mM	0.6637 mL	3.3183 mL	6.6366 mL
				5 mM	0.1327 mL	0.6637 mL	1.3273 mL
				10 mM	0.0664 mL	0.3318 mL	0.6637 mL

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

Biological Activity

Shortsummary	Aminoglycoside 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 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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