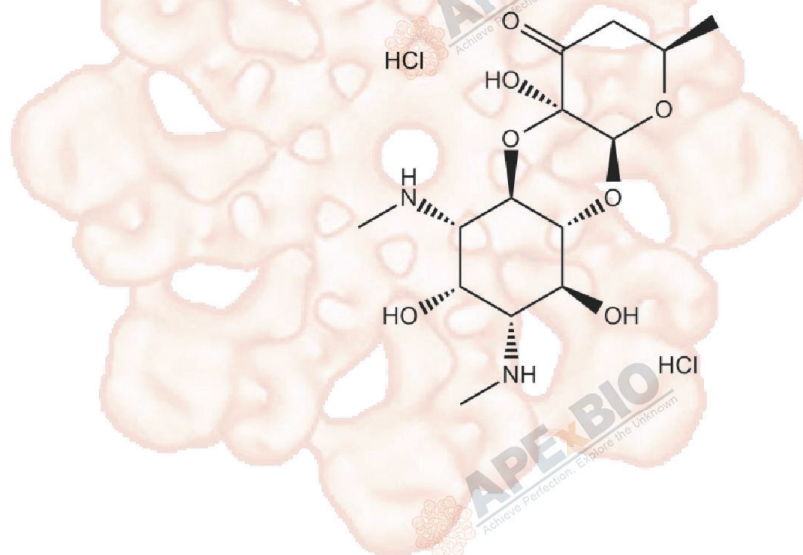


Product Data Sheet

Spectinomycin dihydrochloride

Cat. No.: B3342
CAS No.: 21736-83-4
Formula: C₁₄H₂₆Cl₂N₂O₇
M.Wt: 405.27
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in DMSO; ≥ 22.95 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass	1mg	5mg	10mg
			Concentration		
		1 mM	2.4675 mL	12.3375 mL	24.6749 mL
		5 mM	0.4935 mL	2.4675 mL	4.9350 mL
		10 mM	0.2467 mL	1.2337 mL	2.4675 mL

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

Biological Activity

Shortsummary

new parenteral antibiotic

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 APExBIO 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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