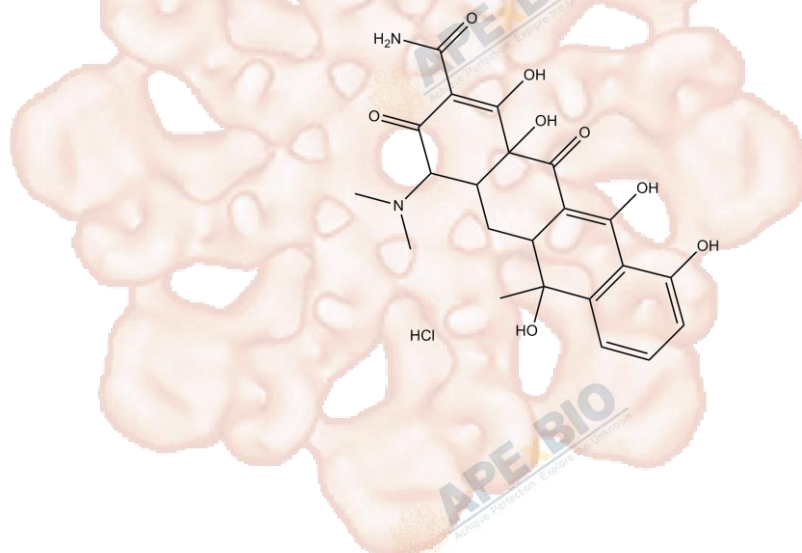


Product Data Sheet

Tetracycline Hydrochloride

Cat. No.:	A2517
CAS No.:	64-75-5
Formula:	C ₂₂ H ₂₅ ClN ₂ O ₈
M.Wt:	480.90
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 12.02 mg/mL in DMSO with gentle warming; ≥ 57.7 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.0794 mL	10.3972 mL	20.7943 mL
	5 mM	0.4159 mL	2.0794 mL	4.1589 mL
	10 mM	0.2079 mL	1.0397 mL	2.0794 mL

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

Biological Activity

Shortsummary

Bacteriostatic antibiotics

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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