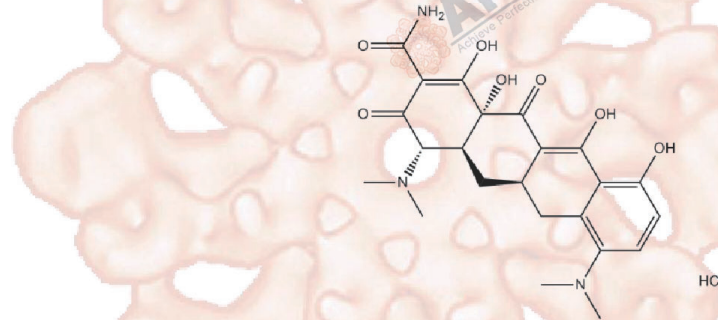


Product Data Sheet

Minocycline HCl

Cat. No.:	B1791
CAS No.:	13614-98-7
Formula:	C ₂₃ H ₂₈ CIN ₃ O ₇
M.Wt:	493.94
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥60.7 mg/mL in DMSO with gentle warming; ≥18.73 mg/mL in H₂O with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.0245 mL	10.1227 mL	20.2454 mL
	5 mM	0.4049 mL	2.0245 mL	4.0491 mL
	10 mM	0.2025 mL	1.0123 mL	2.0245 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Tetracycline 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. 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.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com