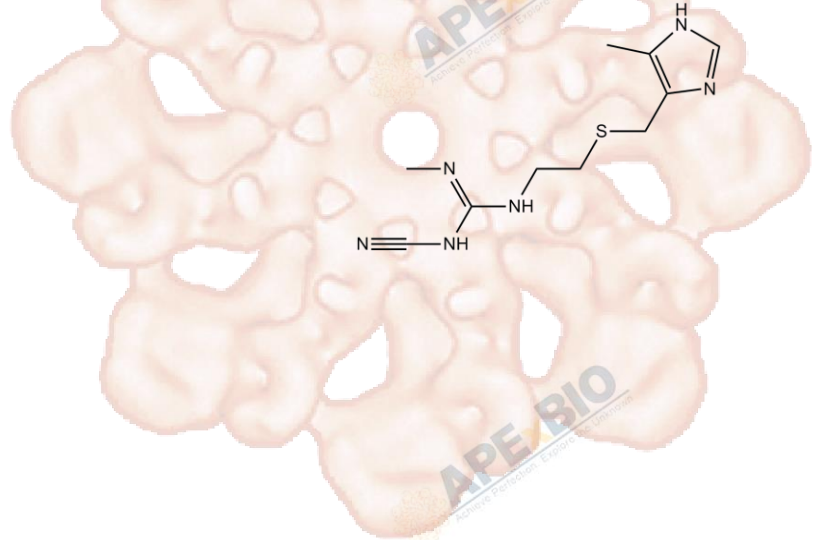


Product Data Sheet

Cimetidine

Cat. No.:	B1557
CAS No.:	51481-61-9
Formula:	C ₁₀ H ₁₆ N ₆ S
M.Wt:	252.34
Synonyms:	
Target:	Neuroscience
Pathway:	Histamine Receptor
Storage:	Store at -20°C



Solvent & Solubility

≥12.62 mg/mL in DMSO; ≥2.54 mg/mL in H₂O with gentle warming and ultrasonic; ≥9.37 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.9629 mL	19.8145 mL	39.6291 mL
	5 mM	0.7926 mL	3.9629 mL	7.9258 mL
	10 mM	0.3963 mL	1.9815 mL	3.9629 mL

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

Biological Activity

Shortsummary

H₂ receptor antagonist

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.

APEX BIO 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

