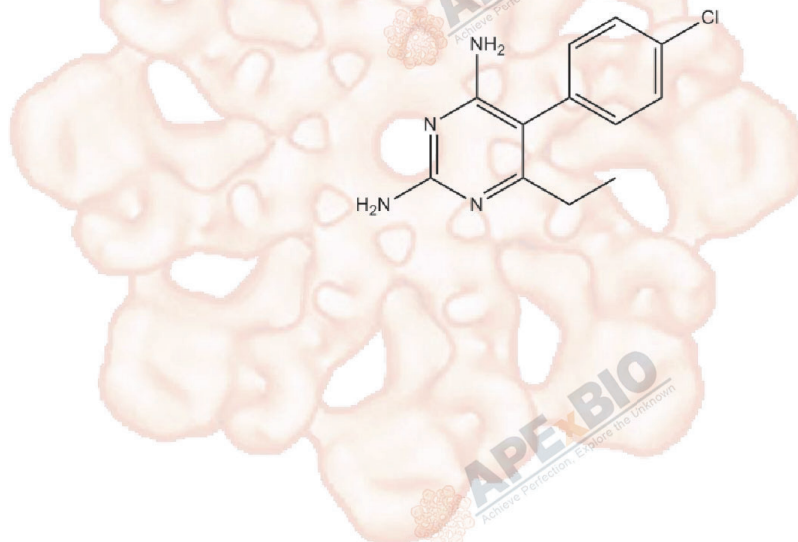


Product Data Sheet

Pyrimethamine

Cat. No.:	A4353
CAS No.:	58-14-0
Formula:	C ₁₂ H ₁₃ ClN ₄
M.Wt:	248.71
Synonyms:	
Target:	Metabolism
Pathway:	DHFR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥10 mg/mL in DMSO with gentle warming; ≥5.23 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	4.0207 mL	20.1037 mL	40.2075 mL
	5 mM	0.8041 mL	4.0207 mL	8.0415 mL
	10 mM	0.4021 mL	2.0104 mL	4.0207 mL

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

Biological Activity

Shortsummary

DHFR inhibitor

 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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