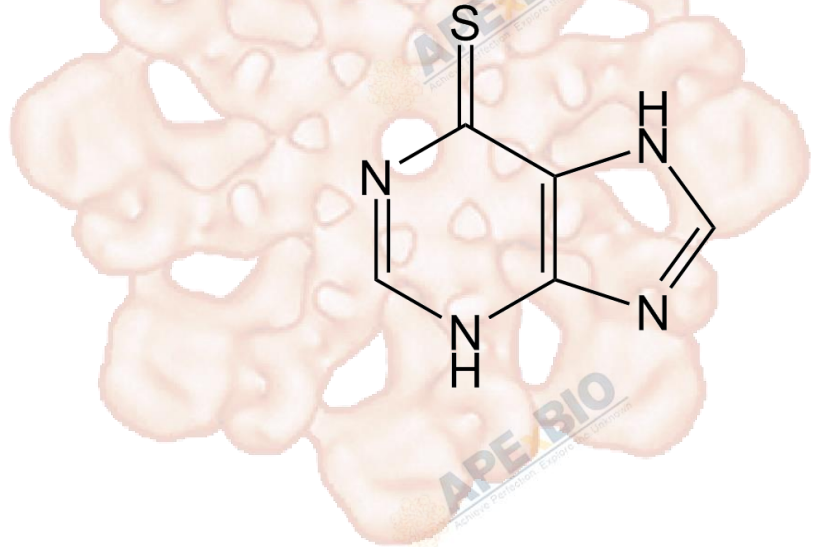


Product Data Sheet

Mercaptopurine (6-MP)

Cat. No.:	A2355
CAS No.:	50-44-2
Formula:	C ₅ H ₄ N ₄ S
M.Wt:	152.18
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥7.61 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	6.5712 mL	32.8558 mL	65.7117 mL
	5 mM	1.3142 mL	6.5712 mL	13.1423 mL
	10 mM	0.6571 mL	3.2856 mL	6.5712 mL

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

Biological Activity

Shortsummary

Purine synthesis 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 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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