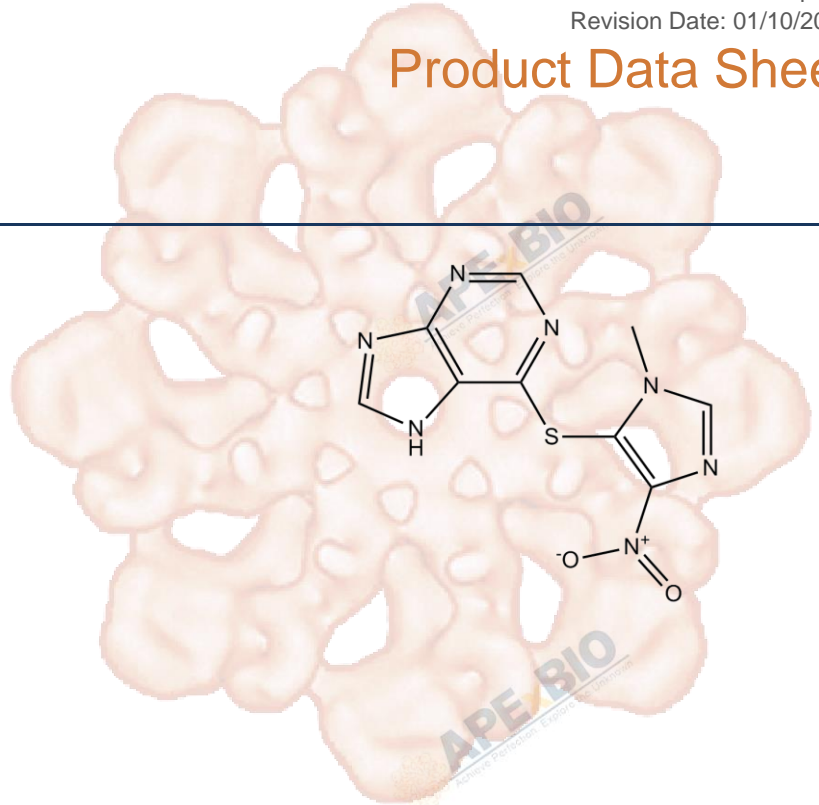


Product Data Sheet

Azathioprine

Cat. No.:	B1892
CAS No.:	446-86-6
Formula:	C ₉ H ₇ N ₇ O ₂ S
M.Wt:	277.26
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

≥55.56 mg/mL in DMSO; insoluble in EtOH; insoluble in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.6067 mL	18.0336 mL	36.0672 mL
	5 mM	0.7213 mL	3.6067 mL	7.2134 mL
	10 mM	0.3607 mL	1.8034 mL	3.6067 mL

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

Biological Activity

Shortsummary

purine synthesis and GTP-binding protein Rac1 activation 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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