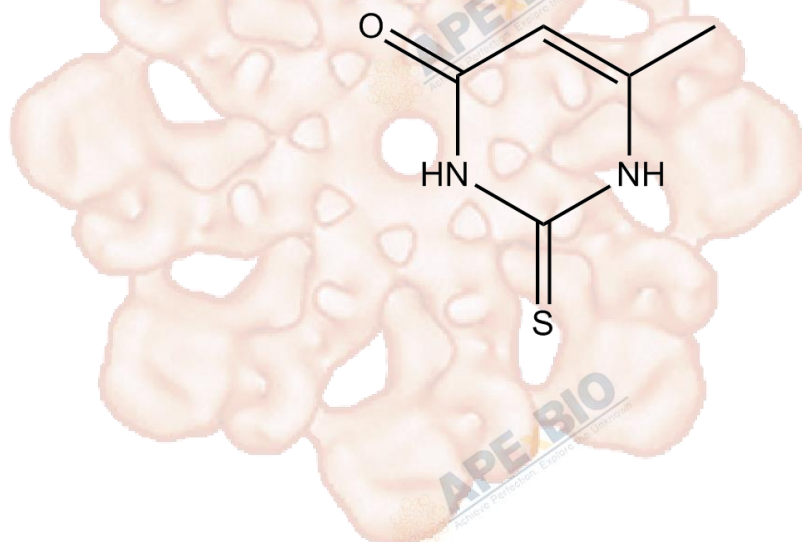


Product Data Sheet

Methylthiouracil

Cat. No.: B1974
CAS No.: 56-04-2
Formula: C₅H₆N₂OS
M.Wt: 142.18
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; 6.65 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
Preparing Stock Solutions		1 mM	7.0333 mL	35.1667 mL	70.3334 mL
		5 mM	1.4067 mL	7.0333 mL	14.0667 mL
		10 mM	0.7033 mL	3.5167 mL	7.0333 mL

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

Biological Activity

Shortsummary

antithyroid preparation

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method^d

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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