

## Product Data Sheet

### 2-Thiouracil

**Cat. No.:** B1872  
**CAS No.:** 141-90-2  
**Formula:** C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>OS  
**M.Wt:** 128.15  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in EtOH; insoluble in H<sub>2</sub>O; ≥5.25 mg/mL in DMSO

In Vitro

|                              | Solvent | Mass<br>Concentration | 1mg       | 5mg        | 10mg       |
|------------------------------|---------|-----------------------|-----------|------------|------------|
|                              |         |                       |           |            |            |
| Preparing<br>Stock Solutions |         | 1 mM                  | 7.8034 mL | 39.0168 mL | 78.0336 mL |
|                              |         | 5 mM                  | 1.5607 mL | 7.8034 mL  | 15.6067 mL |
|                              |         | 10 mM                 | 0.7803 mL | 3.9017 mL  | 7.8034 mL  |

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

### Biological Activity

Shortsummary

antihyperthyroid agent

IC<sub>50</sub> & Target

In Vitro

**Cell Viability Assay**

Preparation method:

In Vivo

**Animal experiment**

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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**

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