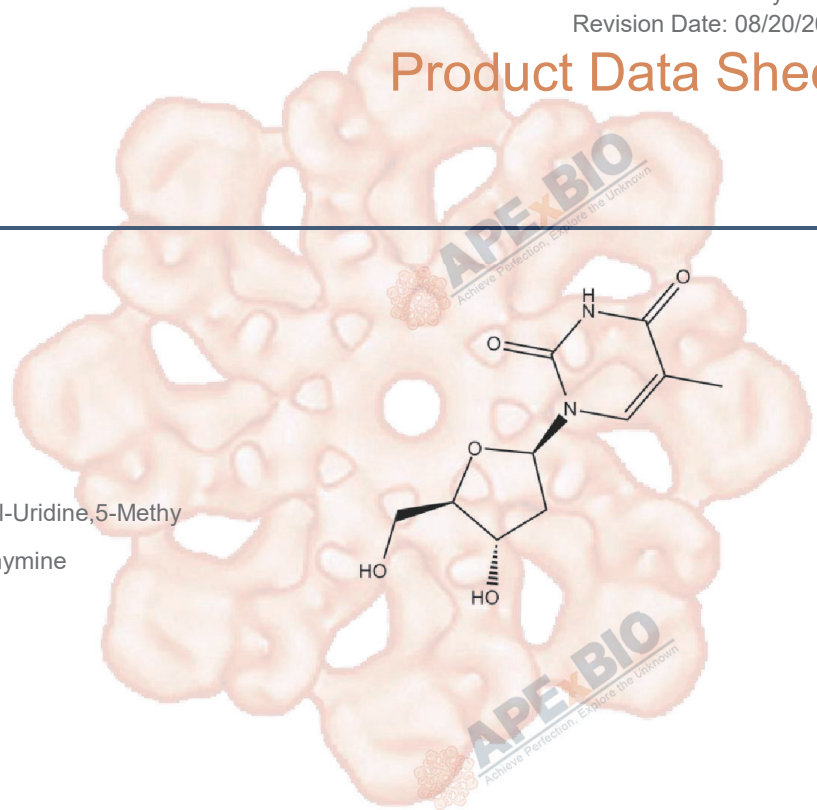


Product Data Sheet

Thymidine

Cat. No.:	C3486
CAS No.:	50-89-5
Formula:	C ₁₀ H ₁₄ N ₂ O ₅
M.Wt:	242.2
Synonyms:	2'-deoxy Thymidine, 2'-deoxy-5-methyl-Uridine, 5-Methyldeoxyuridine, NSC 21548, Thymine deoxyriboside
Target:	DNA
Pathway:	DNA Synthesis
Storage:	Store at RT



Solvent & Solubility

≥24.2 mg/mL in DMSO with gentle warming; ≥3.75 mg/mL in EtOH with ultrasonic; ≥53.6 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	4.1288 mL	20.6441 mL	41.2882 mL
		5 mM	0.8258 mL	4.1288 mL	8.2576 mL
		10 mM	0.4129 mL	2.0644 mL	4.1288 mL

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

Biological Activity

Shortsummary

pyrimidine nucleoside

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. Short-term 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

www.apexbt.com

7505 Fannin Street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

