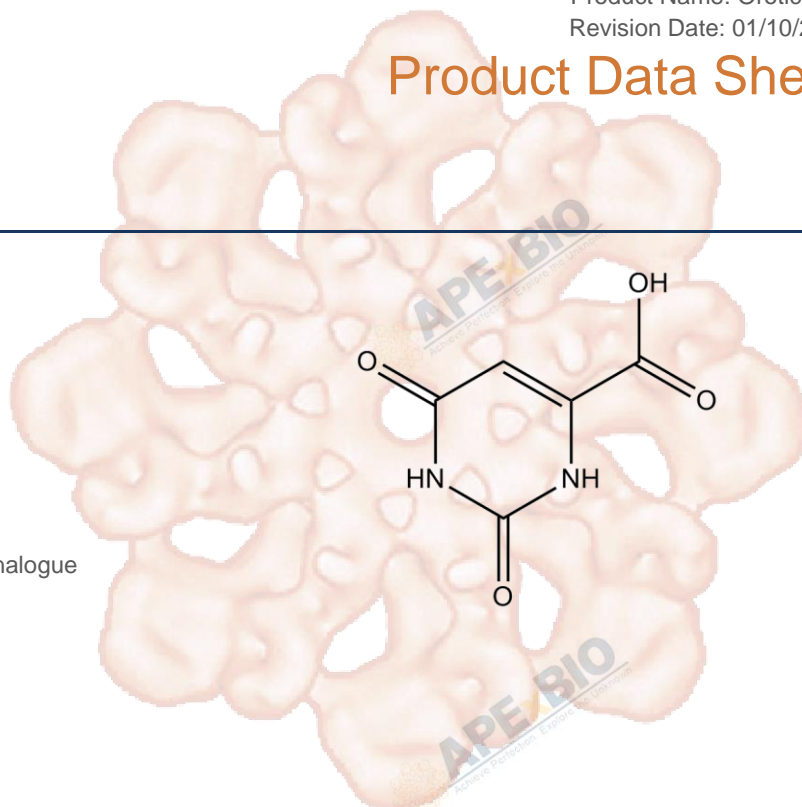


Product Data Sheet

Orotic acid

Cat. No.:	B1147
CAS No.:	65-86-1
Formula:	C ₅ H ₄ N ₂ O ₄
M.Wt:	156.1
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Nucleoside Antimetabolite/Analogue
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥15.6 mg/mL in DMSO with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	6.4061 mL	32.0307 mL	64.0615 mL
	5 mM	1.2812 mL	6.4061 mL	12.8123 mL
	10 mM	0.6406 mL	3.2031 mL	6.4061 mL

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

Biological Activity

Shortsummary

Pyrimidinecarboxylic acid

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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