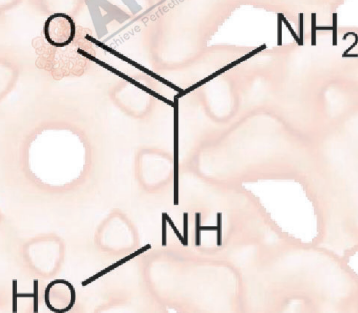


Product Data Sheet

Hydroxyurea

Cat. No.: B2102
CAS No.: 127-07-1
Formula: CH₄N₂O₂
M.Wt: 76.05
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥21.13 mg/mL in H₂O with ultrasonic; ≥3.7 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	13.1492 mL	65.7462 mL	131.4924 mL
		5 mM	2.6298 mL	13.1492 mL	26.2985 mL
		10 mM	1.3149 mL	6.5746 mL	13.1492 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary

DNA synthesis 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.

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