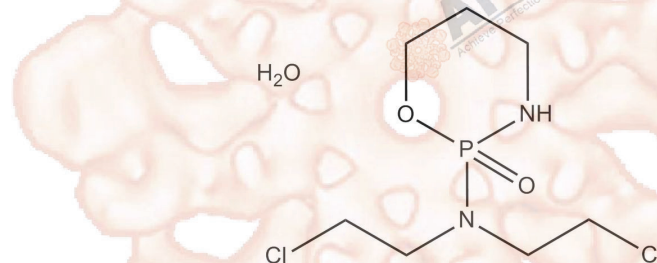


Product Data Sheet

Cyclophosphamide monohydrate

Cat. No.: A4232
CAS No.: 6055-19-2
Formula: C₇H₁₅Cl₂N₂O₂P·H₂O
M.Wt: 279.1
Synonyms:
Target: Others
Pathway: Others
Storage: Store at -20°C



Solvent & Solubility

≥ 13.95 mg/mL in DMSO, ≥ 96 mg/mL in EtOH, ≥ 51.5 mg/mL in H₂O with ultrasonic and warming

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	3.5829 mL	17.9147 mL	35.8295 mL
	5 mM	0.7166 mL	3.5829 mL	7.1659 mL
	10 mM	0.3583 mL	1.7915 mL	3.5829 mL

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

Biological Activity

Shortsummary: alkylating, cytotoxic agent, antitumor activity

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.

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