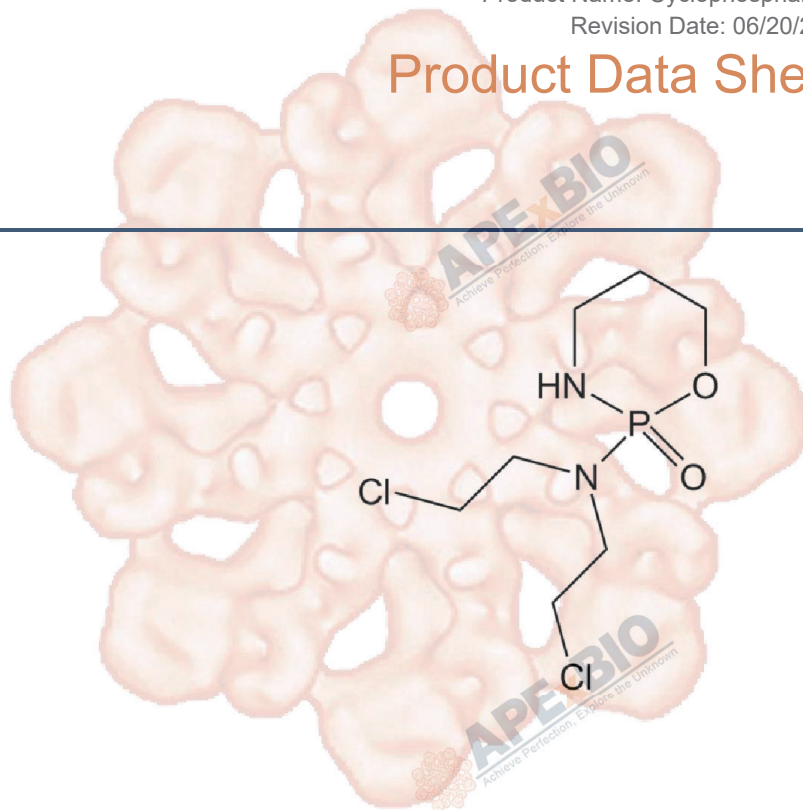


Product Data Sheet

Cyclophosphamide

Cat. No.:	A2343
CAS No.:	50-18-0
Formula:	C ₇ H ₁₅ Cl ₂ N ₂ O ₂ P
M.Wt:	261.09
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

≥11.85 mg/mL in H₂O with gentle warming and ultrasonic; ≥13.05 mg/mL in DMSO; ≥50.8 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	3.8301 mL	19.1505 mL	38.3010 mL
		5 mM	0.7660 mL	3.8301 mL	7.6602 mL
		10 mM	0.3830 mL	1.9150 mL	3.8301 mL

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

Biological Activity

Shortsummary

Nitrogen mustard alkylating agent and prodrug.

 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 APExBIO 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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