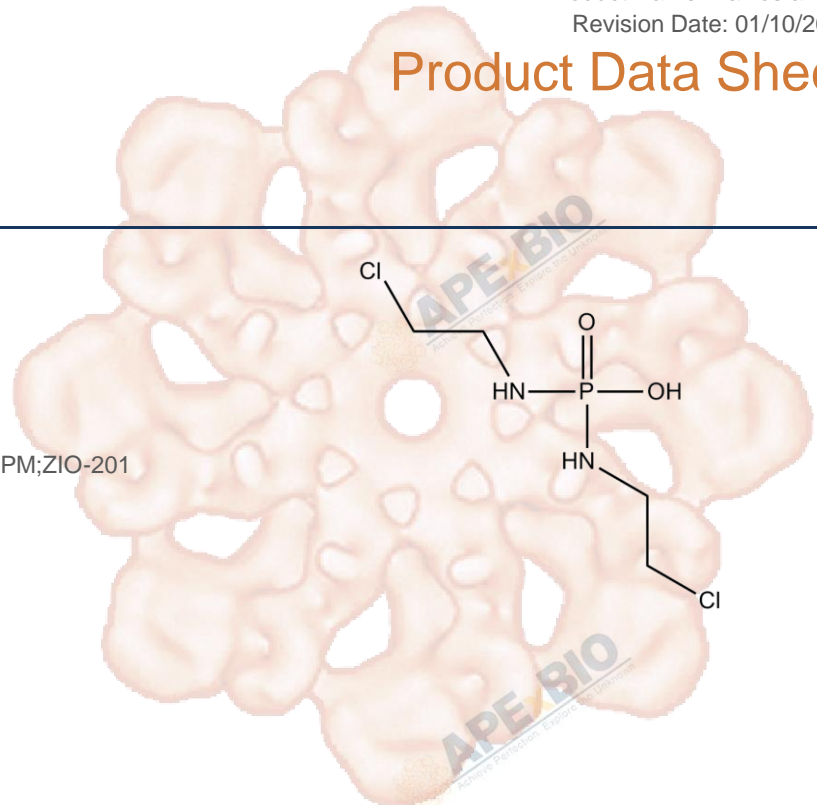


Product Data Sheet

Palifosfamide

Cat. No.:	A3696
CAS No.:	31645-39-3
Formula:	C ₄ H ₁₁ Cl ₂ N ₂ O ₂ P
M.Wt:	221.02
Synonyms:	Isophosphoramidate mustard;IPM;ZIO-201
Target:	DNA Damage/DNA Repair
Pathway:	DNA Alkylating
Storage:	Store at -20°C



Solvent & Solubility

≥22.1 mg/mL in DMSO; insoluble in EtOH; ≥19.4 mg/mL in H₂O with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	4.5245 mL	22.6224 mL	45.2448 mL
		5 mM	0.9049 mL	4.5245 mL	9.0490 mL
		10 mM	0.4524 mL	2.2622 mL	4.5245 mL

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

Biological Activity

Shortsummary

Active metabolite of ifosfamide (IFOS)

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

