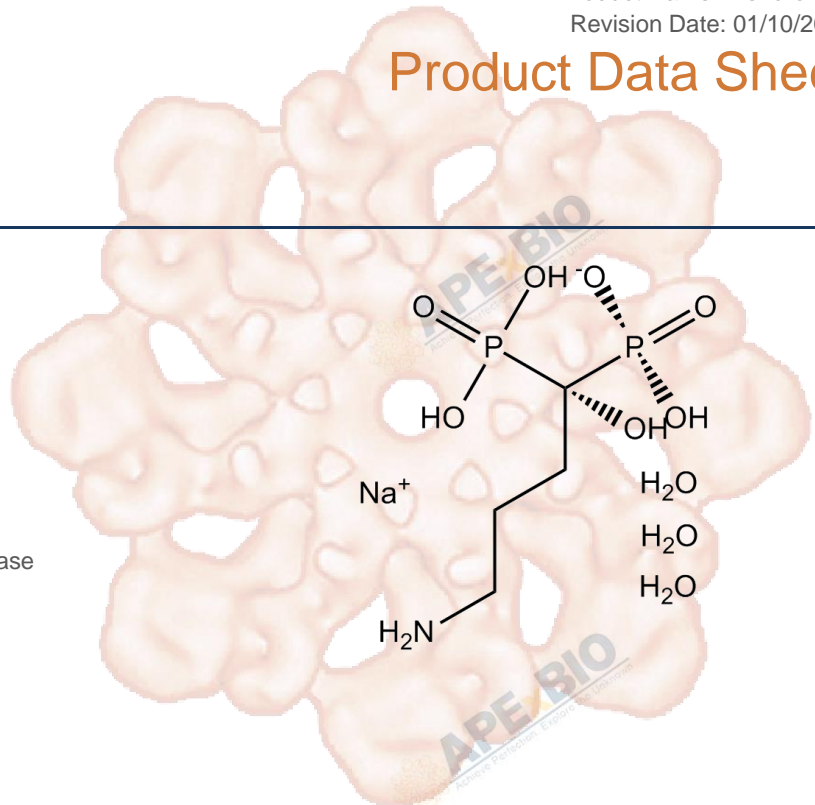


Product Data Sheet

Alendronate

Cat. No.:	B2073
CAS No.:	121268-17-5
Formula:	C ₄ H ₁₈ NNaO ₁₀ P ₂
M.Wt:	325.12
Synonyms:	
Target:	Others
Pathway:	Farnesyl Diphosphate Synthase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in DMSO; insoluble in EtOH; ≥ 5.57 mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.0758 mL	15.3789 mL	30.7579 mL
	5 mM	0.6152 mL	3.0758 mL	6.1516 mL
	10 mM	0.3076 mL	1.5379 mL	3.0758 mL

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

Biological Activity

Shortsummary

Bone resorption 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

