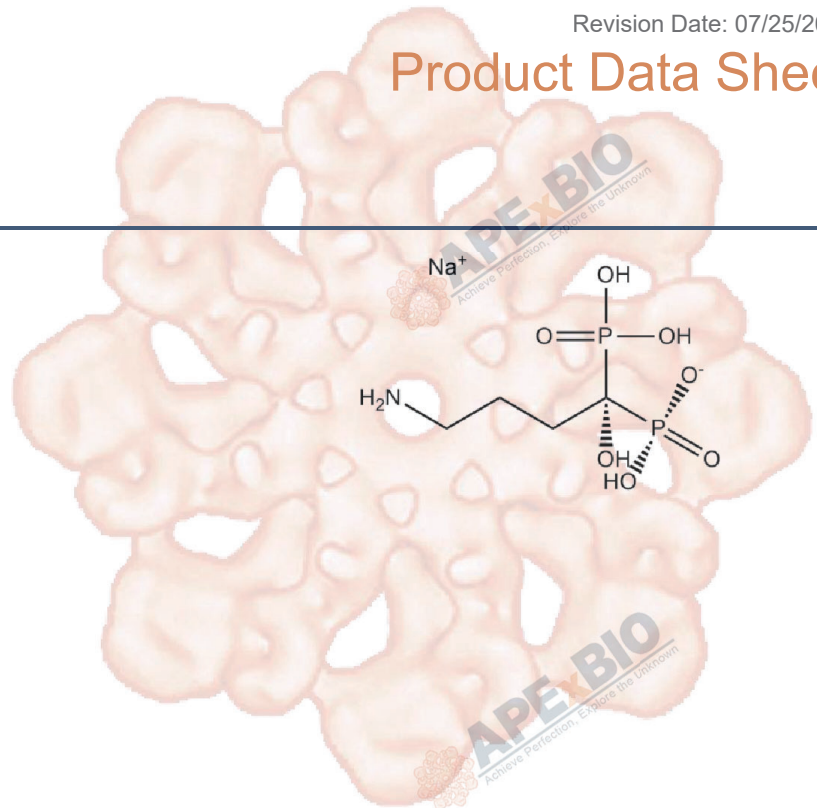


# Product Data Sheet

## Alendronate sodium

<b>Cat. No.:</b>	A8359
<b>CAS No.:</b>	129318-43-0
<b>Formula:</b>	C <sub>4</sub> H <sub>12</sub> NNaO <sub>7</sub> P <sub>2</sub>
<b>M.Wt:</b>	271.08
<b>Synonyms:</b>	Fosamax
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Desiccate at -20°C



### Solvent & Solubility

insoluble in DMSO; insoluble in EtOH; ≥15 mg/mL in H<sub>2</sub>O with gentle warming

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		<b>1 mM</b>	3.6889 mL	18.4447 mL	36.8895 mL
		<b>5 mM</b>	0.7378 mL	3.6889 mL	7.3779 mL
		<b>10 mM</b>	0.3689 mL	1.8445 mL	3.6889 mL

Please refer to the solubility information to select the appropriate solvent

### Biological Activity

Shortsummary	Osteoclast-mediated bone resorption inhibitor
IC <sub>50</sub> & Target	
In Vitro	<b>Cell Viability Assay</b>
	Preparation method:
In Vivo	<b>Animal experiment</b>
	Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://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. 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.*

**APExBIO Technology**

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