**Pamidronate Disodium Pentahydrate**

**Product Information**

**Product ID** P0049  
**CAS No.** 109552-15-0  
**Chemical Name** (3-Amino-1-hydroxypropylidene)bisphosphonic acid disodium salt pentahydrate  
**Synonym** Pamidronic acid disodium salt pentahydrate  

**Formula** C$_3$H$_9$NNa$_2$O$_7$P$_2$ • 5H$_2$O  
**Formula Wt.** 369.11  
**Melting Point** 300°C  
**Purity** ≥98%  
**Solubility** Soluble in water.

**Store Temp** Ambient  
**Ship Temp** Ambient  
**Description** Pamidronate is a bisphosphonate that exhibits anti-resorptive and anti-osteoporotic activities. Pamidronate is clinically used to prevent injury- or chemotherapy-induced bone loss. Clinically, pamidronate increases muscle fiber, bone strength, and bone density. This compound also prevents cancer metastasis to bone tissue.

**References**


**Pricing and Availability**

**Bulk quantities available upon request**

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**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.