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.

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:


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