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Product Datasheet

Zoledronic acid FBM-10-4512

Artikelname	Zoledronic acid
Artikelnummer	FBM-10-4512
Hersteller Artikelnummer	10-4512
Alternativnummer	FBM-10-4512-25MG,FBM-10-4512-100MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Antiproliferative and apoptotic effects...
Molekulargewicht	272.09
Reinheit	98% by HPLC
Formulierung	White or off-white solid
CAS Nummer	[118072-93-8]
Formel	C ₅ H ₁₀ N ₂ O ₇ P ₂
Anwendungsbeschreibung	Potent inhibitor of bone resorption (IC ₅₀ = 2 nM in mouse calvarial cultures). ¹ The mechanism of its action is thought to be via inhibition of osteoclastic activity, induction of osteoclast apoptosis and blockage of osteoclastic resorption of mineralized bone and cartilage through its binding to bone. Clinically useful drug for treatment of osteoporosis ² , hypercalcemia of malignancy(HCM), multiple myeloma and bone metastases from solid tumors ³ . It has also been investigated as an antitumor agent and showing efficacy as an adjuvant therapy in several cancers. ^{4,5}