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## Product Datasheet

### Zoledronic acid, CAS [[118072-93-8]] FBM-10-4512

Article Name	Zoledronic acid, CAS [[118072-93-8]]
Biozol Catalog Number	FBM-10-4512
Supplier Catalog Number	10-4512
Alternative Catalog Number	FBM-10-4512-25MG,FBM-10-4512-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antiproliferative and apoptotic effects...
Molecular Weight	272.09
Purity	98% by HPLC
Form	White or off-white solid
CAS Number	[118072-93-8]
Formula	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>7</sub> P <sub>2</sub>
Application Notes	Potent inhibitor of bone resorption (IC <sub>50</sub> = 2 nM in mouse calvarial cultures). <sup>1</sup> 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