

Ibandronate (Sodium Monohydrate)

Catalog No: tcsc2725



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

138926-19-9

Formula:

$C_9H_{24}NNaO_8P_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 100 mg/mL (278.37 mM)

Alternative Names:

BM-210955;RPR-102289A

Observed Molecular Weight:

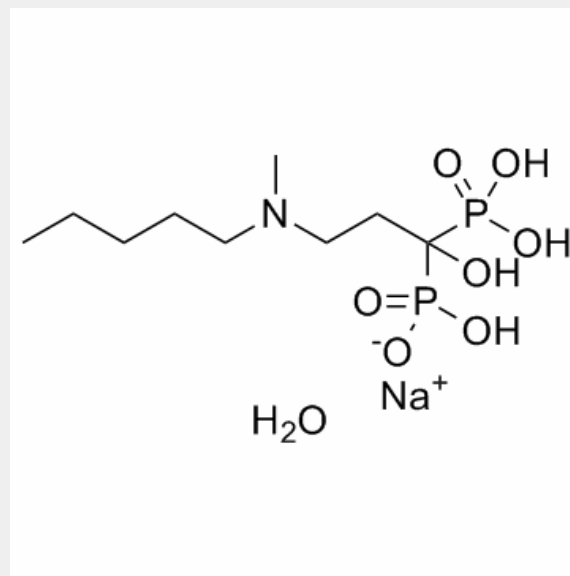
359.23

Product Description

Ibandronate is a highly potent nitrogen-containing bisphosphonate used for the treatment of osteoporosis.

Target: Others

Ibandronate (1.25-2 μ M) significantly reduces endothelial cell growth, while ibandronate (2 μ M) also significantly reduces capillary-like tube formation and increases apoptosis of endothelial cells. Ibandronate (Ibandronate administered either daily (2.5 mg) or intermittently (20 mg every other day for 12 doses every 3 months) significantly reduces the risk of new morphometric vertebral fractures by 62% and 50% ($p = 0.0006$), respectively, in osteoporotic women after 3 years' treatment. Ibandronate administered either daily (2.5 mg) or intermittently (20 mg every other day for 12 doses every 3 months) significantly and progressively increases BMD of lumbar spine by 6.5% and 5.7%, respectively, in osteoporotic women after 3 years' treatment [3]. Ibandronate (



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