

# Ibandronic acid

## Catalog No: tcsc2726



### Available Sizes

**Size:** 100mg

**Size:** 500mg



### Specifications

**CAS No:**

114084-78-5

**Formula:**

$C_9H_{23}NO_7P_2$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

319.23

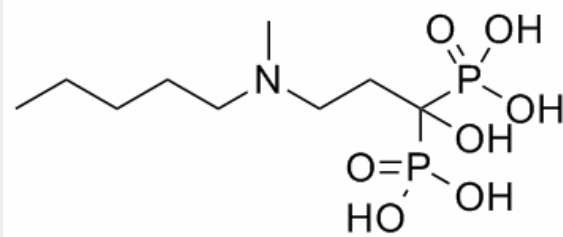
## Product Description

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

Target: Others

Ibandronate (1.25-2  $\mu$ M) significantly reduces endothelial cell growth, while ibandronate (2  $\mu$ 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 (



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!