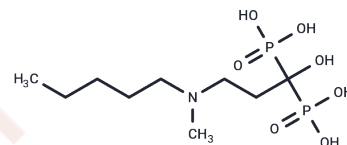


## Ibandronic acid

## Chemical Properties

CAS No. :	114084-78-5
Formula:	C <sub>9</sub> H <sub>23</sub> NO <sub>7</sub> P <sub>2</sub>
Molecular Weight:	319.23
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Ibandronic acid (Bonviva) is a third-generation amino-bisphosphonate with anti-resorptive and anti-hypercalcemic activities.
Targets(IC50)	Others,HBV

## Solubility Information

Solubility	H <sub>2</sub> O: 50 mg/mL (156.63 mM),Sonication is recommended. DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1325 mL	15.6627 mL	31.3254 mL
5 mM	0.6265 mL	3.1325 mL	6.2651 mL
10 mM	0.3133 mL	1.5663 mL	3.1325 mL
50 mM	0.0627 mL	0.3133 mL	0.6265 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Dunford JE, et al. J Pharmacol Exp Ther. 2001 Feb;296(2):235-42.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481