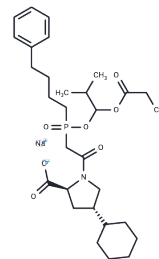


## Fosinopril sodium

## Chemical Properties

CAS No. :	88889-14-9
Formula:	C <sub>30</sub> H <sub>45</sub> NO <sub>7</sub> P·Na
Molecular Weight:	585.65
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	Fosinopril sodium is a phosphinic acid-containing angiotensin-converting enzyme inhibitor that is effective in the treatment of hypertension. It is a prodrug that is converted to its active metabolite fosinoprilat.
Targets(IC50)	Apoptosis,RAAS,Angiotensin-converting Enzyme (ACE)

## Solubility Information

Solubility	DMSO: 1 mg/mL (1.71 mM),Sonication is recommended. H <sub>2</sub> O: 166.7 mg/mL (284.64 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7075 mL	8.5375 mL	17.075 mL
5 mM	0.3415 mL	1.7075 mL	3.415 mL
10 mM	0.1708 mL	0.8538 mL	1.7075 mL
50 mM	0.0342 mL	0.1708 mL	0.3415 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

Sharma S, et al. Fosinopril Hemodynamics Study Group. Am J Ther. 1999 Jul;6(4):181-9.

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