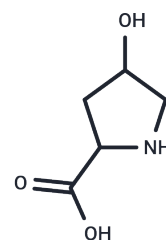


## L-Hydroxyproline

## Chemical Properties

CAS No. :	51-35-4
Formula:	C <sub>5</sub> H <sub>9</sub> NO <sub>3</sub>
Molecular Weight:	131.13
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	L-Hydroxyproline (L-Hydroxyprolin) is one of the hydroxyproline (Hyp) isomers. L-Hydroxyproline is a useful chiral building block in the production of many pharmaceuticals.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	H <sub>2</sub> O: 10 mM, Sonication is recommended. DMSO: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.626 mL	38.1301 mL	76.2602 mL
5 mM	1.5252 mL	7.626 mL	15.252 mL
10 mM	0.7626 mL	3.813 mL	7.626 mL
50 mM	0.1525 mL	0.7626 mL	1.5252 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.

## Reference

Yi Y, et al. Biosynthesis of trans-4-hydroxyproline by recombinant strains of *Corynebacterium glutamicum* and *Escherichia coli*. BMC Biotechnol. 2014 May 19;14:44.

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: 36 Washington Street, Wellesley Hills, MA 02481