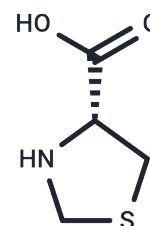


## Thiaproline

## Chemical Properties

CAS No. :	34592-47-7
Formula:	C <sub>4</sub> H <sub>7</sub> NO <sub>2</sub> S
Molecular Weight:	133.17
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	Thiaproline has been used in peptide coupling reactions.
Targets(IC50)	Others,Amino Acids and Derivatives

## Solubility Information

Solubility	DMSO: 1.34 mg/mL (10.06 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.5092 mL	37.546 mL	75.092 mL
5 mM	1.5018 mL	7.5092 mL	15.0184 mL
10 mM	0.7509 mL	3.7546 mL	7.5092 mL
50 mM	0.1502 mL	0.7509 mL	1.5018 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

Aiello, F., Brizzi, A., De Grazia, O., Garofalo, A., Grande, F., & Sinicropi, M. et al. (2006). An approach to the stereo-controlled synthesis of polycyclic derivatives of l-4-thiazolidinecarboxylic acid active against HIV-1 integrase. *European Journal Of Medicinal Chemistry*, 41(8), 914-917. doi: 10.1016/j.ejmech.2006.03.032

**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