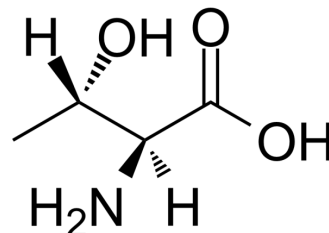


## L-Allothreonine

Cat. No.:	HY-W008315		
CAS No.:	28954-12-3		
Molecular Formula:	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>		
Molecular Weight:	119.12		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 12.5 mg/mL (104.94 mM; ultrasonic and warming and heat to 60°C)  
 DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	8.3949 mL	41.9745 mL	83.9490 mL
	5 mM	1.6790 mL	8.3949 mL	16.7898 mL
	10 mM	0.8395 mL	4.1974 mL	8.3949 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

L-Allothreonine (H-allo-Thr-OH) is an endogenous metabolite.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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