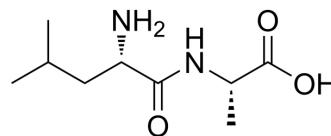


## L-Leucyl-L-alanine

Cat. No.:	HY-128434		
CAS No.:	7298-84-2		
Molecular Formula:	C <sub>9</sub> H <sub>18</sub> N <sub>2</sub> O <sub>3</sub>		
Molecular Weight:	202.25		
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 : 100 mg/mL (494.44 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.9444 mL	24.7219 mL	49.4438 mL
		5 mM	0.9889 mL	4.9444 mL	9.8888 mL
10 mM		0.4944 mL	2.4722 mL	4.9444 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (494.44 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

Description	L-Leucyl-L-alanine is a simple dipeptide composed of L-leucine and L-alanine <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Human Endogenous Metabolite	Microbial Metabolite

### REFERENCES

[1]. MotohiroAkazome, et al. Molecular recognition of L-leucyl-L-alanine: enantioselective inclusion of alkyl methyl sulfoxides. Tetrahedron. 2005 Jan 31, 61(5): 1107-1113.

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

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