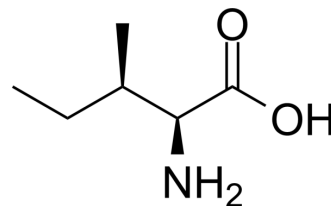


L-Alloisoleucine

Cat. No.:	HY-I1060		
CAS No.:	1509-34-8		
Molecular Formula:	C ₆ H ₁₃ NO ₂		
Molecular Weight:	131.17		
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

H₂O : 10 mg/mL (76.24 mM; Need ultrasonic)
 DMSO : < 1 mg/mL (ultrasonic) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.6237 mL	38.1185 mL	76.2369 mL
	5 mM	1.5247 mL	7.6237 mL	15.2474 mL
	10 mM	0.7624 mL	3.8118 mL	7.6237 mL

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

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 25 mg/mL (190.59 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

L-Alloisoleucine is a branched chain amino acid and is a stereo-isomer of L-isoleucine. L-Alloisoleucine is a common constituent of human plasma (albeit at low levels).

IC₅₀ & Target

Human Endogenous Metabolite

CUSTOMER VALIDATION

- Microbiome. 2019 Mar 20;7(1):43.

See more customer validations on www.MedChemExpress.com

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

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