N-Methyl-L-valine

MedChemExpress

Cat. No.:	HY-20561				
CAS No.:	2480-23-1				
Molecular Formula:	C ₆ H ₁₃ NO ₂				
Molecular Weight:	131.17				
Target:	Amino Acid Derivatives				
Pathway:	Others				
Storage:	Powder	-20°C	3 years		
		4°C	2 years		
	In solvent	-80°C	6 months		
		-20°C	1 month		

SOLVENT & SOLUBILITY

		Solvent Mass Concentration	1 mg	5 mg	10 mg
Preparing Stock Solutions		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

BIOLOGICAL ACTIV	ТТ
Description	N-Methyl-L-valine is a valine derivative ^[1] .
In Vitro	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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Product Data Sheet

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

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