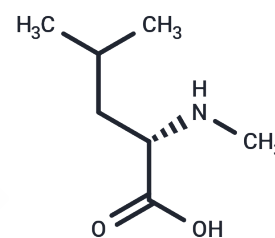


N-Methyl-L-leucin

Chemical Properties

CAS No. :	3060-46-6
Formula:	C7H15NO2
Molecular Weight:	145.2
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	N-Methyl-L-leucin ((S)-4-Methyl-2-(methylamino)pentanoic acid) is a novel calcium channel antagonist used for pain research.
Targets(IC50)	Calcium Channel,Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8871 mL	34.4353 mL	68.8705 mL
5 mM	1.3774 mL	6.8871 mL	13.7741 mL
10 mM	0.6887 mL	3.4435 mL	6.8871 mL
50 mM	0.1377 mL	0.6887 mL	1.3774 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

Song Yuntao, et al. (S)-4-Methyl-2-(methylamino) pentanoic acid [4, 4-bis (4-fluorophenyl) butyl] amide hydrochloride, a novel calcium channel antagonist, is efficacious in several animal models of pain. Journal of medicinal chemistry 43.19 (2000): 3474-3477.

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