

N-Cbz-L-Leucine

Chemical Properties

CAS No. : 2018-66-8

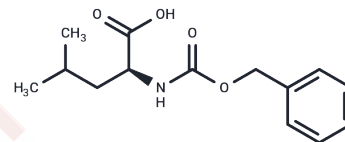
Formula: C₁₄H₁₉NO₄

Molecular Weight: 265.3

Keep away from moisture

Storage: Pure form: -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-Cbz-L-Leucine (N-[(Phenylmethoxy)carbonyl]-L-leucine) is a leucine derivative, a commonly used amino acid protecting group.
Targets(IC50)	Amino Acids and Derivatives
In vitro	Amino acids and derivatives (e.g., N-Cbz-L-Leucine) are commercially marketed as ergogenic supplements to enhance physical and mental performance[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7693 mL	18.8466 mL	37.6932 mL
5 mM	0.7539 mL	3.7693 mL	7.5386 mL
10 mM	0.3769 mL	1.8847 mL	3.7693 mL
50 mM	0.0754 mL	0.3769 mL	0.7539 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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