## Benzyloxycarbonyl-D-alloisoleucine

Cat. No.:	HY-I1044		
CAS No.:	55723-45-0		
Molecular Formula:	C <sub>14</sub> H <sub>19</sub> NO <sub>4</sub>		
Molecular Weight:	265.31		
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

## BIOLOGICAL ACTIVITY

DescriptionBenzyloxycarbonyl-D-alloisoleucine is an isoleucine derivative<sup>[1]</sup>.In VitroAmino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the<br/>secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent<br/>exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances<sup>[1]</sup>.<br/>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.

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

Product Data Sheet

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