## **Product** Data Sheet

Inhibitors

**Screening Libraries** 

**Proteins** 

## Benzyl ethyl-L-valinate hydrochloride

Cat. No.: HY-42757B CAS No.: 1259396-60-5 Molecular Formula:  $C_{14}H_{22}CINO_{2}$ Molecular Weight: 271.78

Amino Acid Derivatives Target:

Pathway: Others

Storage: Powder -20°C 3 years

2 years

-80°C In solvent 6 months

> -20°C 1 month

**BIOLOGICAL ACTIVITY** 

Benzyl ethyl-L-valinate hydrochloride is a valine derivative [1]. Description

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<sup>[1]</sup>. 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.

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