H-2-Nal-OH

Cat. No.: HY-W008379

CAS No.: 58438-03-2

Molecular Formula: $C_{13}H_{13}NO_2$

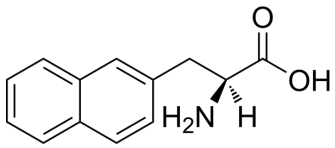
Molecular Weight: 215.25

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

In Vitro

H_2O : 3.33 mg/mL (15.47 mM; ultrasonic and adjust pH to 12 with NaOH)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	4.6458 mL	23.2288 mL	46.4576 mL
5 mM	0.9292 mL	4.6458 mL	9.2915 mL
10 mM	0.4646 mL	2.3229 mL	4.6458 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

H-2-Nal-OH is an alanine 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):1793-1033.

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

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