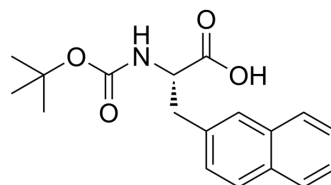


## Boc-2-Nal-OH

<b>Cat. No.:</b>	HY-W011321		
<b>CAS No.:</b>	58438-04-3		
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>21</sub> NO <sub>4</sub>		
<b>Molecular Weight:</b>	315.36		
<b>Target:</b>	Amino Acid Derivatives		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

Ethanol : 100 mg/mL (317.10 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.1710 mL	15.8549 mL	31.7098 mL
5 mM	0.6342 mL	3.1710 mL	6.3420 mL
10 mM	0.3171 mL	1.5855 mL	3.1710 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Boc-2-Nal-OH is an alanine derivative<sup>[1]</sup>.

#### 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):1793-1121.

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

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