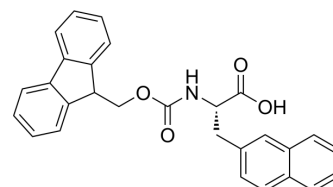


Fmoc-2-Nal-OH

Cat. No.:	HY-W010893
CAS No.:	112883-43-9
Molecular Formula:	C ₂₈ H ₂₃ NO ₄
Molecular Weight:	437.49
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (228.58 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Concentration</div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	2.2858 mL	11.4288 mL	22.8577 mL
		5 mM	0.4572 mL	2.2858 mL	4.5715 mL
		10 mM	0.2286 mL	1.1429 mL	2.2858 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2 mg/mL (4.57 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2 mg/mL (4.57 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Fmoc-2-Nal-OH is an alanine derivative ^[1] .
In Vitro	<p>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].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA