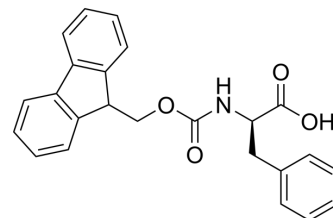


Fmoc-D-Phe-OH

Cat. No.:	HY-W011026
CAS No.:	86123-10-6
Molecular Formula:	C ₂₄ H ₂₁ NO ₄
Molecular Weight:	387.43
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	<div> <div>Powder</div> <div> -20°C 3 years 4°C 2 years </div> </div> <div> <div>In solvent</div> <div> -80°C 6 months -20°C 1 month </div> </div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (258.11 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.5811 mL	12.9056 mL	25.8111 mL
	5 mM		0.5162 mL	2.5811 mL	5.1622 mL
	10 mM		0.2581 mL	1.2906 mL	2.5811 mL

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

BIOLOGICAL ACTIVITY

Description

Fmoc-D-Phe-OH is a phenylalanine 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):1793-815.

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

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