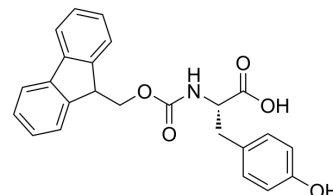


Fmoc-Tyr-OH

Cat. No.:	HY-W009003
CAS No.:	92954-90-0
Molecular Formula:	C ₂₄ H ₂₁ NO ₅
Molecular Weight:	403.43
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 : 66.67 mg/mL (165.26 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	<div>Mass</div>	1 mg	5 mg	10 mg
		1 mM		2.4787 mL	12.3937 mL	24.7874 mL
		5 mM		0.4957 mL	2.4787 mL	4.9575 mL
		10 mM		0.2479 mL	1.2394 mL	2.4787 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: ≥ 2.5 mg/mL (6.20 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.20 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Fmoc-Tyr-OH is a tyrosine 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