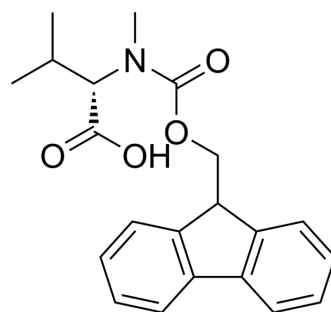


Fmoc-N-Me-Val-OH

Cat. No.:	HY-I1112		
CAS No.:	84000-11-3		
Molecular Formula:	C ₂₁ H ₂₃ NO ₄		
Molecular Weight:	353.41		
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	DMSO : 50 mg/mL (141.48 mM; Need ultrasonic)			
		Solvent	Mass	
		Concentration	1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.8296 mL	14.1479 mL	28.2957 mL
	5 mM	0.5659 mL	2.8296 mL	5.6591 mL
	10 mM	0.2830 mL	1.4148 mL	2.8296 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.07 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Fmoc-N-Me-Val-OH is a modified peptide.
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REFERENCES

[1]. Harris KS, et al. Rapid optimization of a peptide inhibitor of malaria parasite invasion by comprehensive N-methyl scanning. J Biol Chem. 2009 Apr 3;284(14):9361-71.

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

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