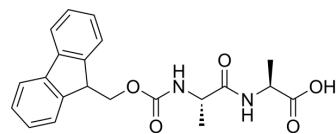


Fmoc-Ala-Ala-OH

Cat. No.:	HY-W048825		
CAS No.:	87512-31-0		
Molecular Formula:	C ₂₁ H ₂₂ N ₂ O ₅		
Molecular Weight:	382.41		
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 : 12.5 mg/mL (32.69 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.6150 mL	13.0750 mL	26.1499 mL
	5 mM	0.5230 mL	2.6150 mL	5.2300 mL
	10 mM	0.2615 mL	1.3075 mL	2.6150 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Fmoc-Ala-Ala-OH (3) is a self-assemble fluorenylmethoxycarbonyl-dipeptide, which is a smaller amphiphilic building blocks consists dipeptides linked to fluorenylmethoxycarbonyl (Fmoc). Fmoc-Ala-Ala-OH can be used as scaffold materials in 3D cell culture ^[1] .
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REFERENCES

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

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