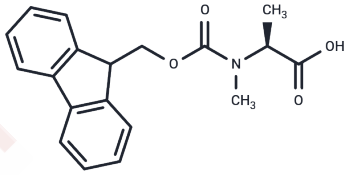
Data Sheet (Cat.No.TP1437)

TargetMol

Fmoc-N-Me-Ala-OH

Chemical Properties



CAS No. : 84000-07-7

Formula: C19H19NO4

Molecular Weight: 325.36

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Fmoc-N-Me-Ala-OH is available for the peptide-coupling reaction.
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (6.15 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0735 mL	15.3676 mL	30.7352 mL
5 mM	0.6147 mL	3.0735 mL	6.147 mL
10 mM	0.3074 mL	1.5368 mL	3.0735 mL
50 mM	0.0615 mL	0.3074 mL	0.6147 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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