

N-Fmoc-glycyl-L-valine

Chemical Properties

CAS No. :	86895-14-9
Formula:	C ₂₂ H ₂₄ N ₂ O ₅
Molecular Weight:	396.44
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	N-Fmoc-glycyl-L-valine is a dipeptide protected at the N-terminus by 9-fluorenylmethoxycarbonyl (Fmoc) and can be used as a starting or extension amino acid unit in solid-phase peptide synthesis (SPPS). N-Fmoc-glycyl-L-valine is stable in organic solvent systems and is suitable for peptide synthesis and drug design research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (201.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5224 mL	12.6122 mL	25.2245 mL
5 mM	0.5045 mL	2.5224 mL	5.0449 mL
10 mM	0.2522 mL	1.2612 mL	2.5224 mL
50 mM	0.0504 mL	0.2522 mL	0.5045 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

MORITA Yuya, et al. Method for producing peptide compound containing n-substituted-amino acid residue.
WO2022138891A1

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