

FMoc-Arg(Tos)-OH

Chemical Properties

CAS No. : 83792-47-6

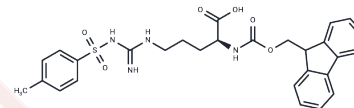
Formula: C₂₈H₃₀N₄O₆S

Molecular Weight: 550.63

Keep away from moisture

Storage: 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-Arg(Tos)-OH is a synthetic amino acid used in peptide synthesis, biochemistry and molecular biology. It is a Fmoc-protected amino acid used as an intermediate in peptide and protein synthesis for solid-phase peptide synthesis.
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

Solubility	H ₂ O: insoluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8161 mL	9.0805 mL	18.161 mL
5 mM	0.3632 mL	1.8161 mL	3.6322 mL
10 mM	0.1816 mL	0.9081 mL	1.8161 mL
50 mM	0.0363 mL	0.1816 mL	0.3632 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

Cezari M H , Juliano L . Studies on lactam formation during coupling procedures of N alpha-N omega-protected arginine derivatives.[J]. Peptide Research, 1996, 9(2):88.

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