

Fmoc-Lys(Tfa)-OH

Chemical Properties

CAS No. : 76265-69-5

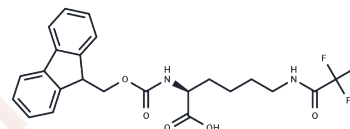
Formula: C₂₃H₂₃F₃N₂O₅

Molecular Weight: 464.43

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-Lys(Tfa)-OH is a peptide, a lysine derivative with an Fmoc protective group on the α -amino group, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Amino Acids and Derivatives

Solubility Information

Solubility DMSO: 180 mg/mL (387.57 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1532 mL	10.7659 mL	21.5318 mL
5 mM	0.4306 mL	2.1532 mL	4.3064 mL
10 mM	0.2153 mL	1.0766 mL	2.1532 mL
50 mM	0.0431 mL	0.2153 mL	0.4306 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

Sengupta S, et al. Novel solid-phase strategy for the synthesis of ligand-targeted fluorescent-labelled chelating peptide conjugates as a theranostic tool for cancer. Beilstein J Org Chem. 2018 Oct 18;14:2665-2679.

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