

## Fmoc-Lys(Z)-OH

## Chemical Properties

CAS No. : 86060-82-4

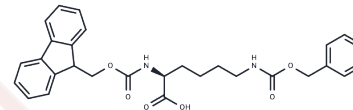
Formula: C<sub>29</sub>H<sub>30</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight: 502.56

Keep away from moisture

Storage: Pure form: -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(Z)-OH is a lysine derivative with an Fmoc protecting group, widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Amino Acids and Derivatives

## Solubility Information

Solubility	DMSO: 160 mg/mL (318.37 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	1.9898 mL	9.9491 mL	19.8981 mL
5 mM	0.398 mL	1.9898 mL	3.9796 mL
10 mM	0.199 mL	0.9949 mL	1.9898 mL
50 mM	0.0398 mL	0.199 mL	0.398 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

Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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