

Fmoc-Lys(5-FITC)-OH

Chemical Properties

CAS No. : 1095493-05-2

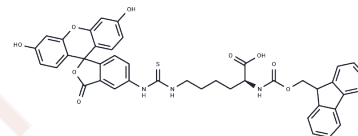
Formula: C42H35N3O9S

Molecular Weight: 757.81

Keep away from direct sunlight

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fmoc-Lys(5-FITC)-OH is a fluorescent probe used to detect amine labelling of peptides or proteins and can serve as a building block for organic synthesis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (105.57 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	1.3196 mL	6.598 mL	13.1959 mL
5 mM	0.2639 mL	1.3196 mL	2.6392 mL
10 mM	0.132 mL	0.6598 mL	1.3196 mL
50 mM	0.0264 mL	0.132 mL	0.2639 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

Ren C, et al. When molecular probes meet self-assembly: an enhanced quenching effect. *Angew Chem Int Ed Engl.* 2015 Apr 13;54(16):4823-7.

Zhu X, et al. Ratiometric, visual, dual-signal fluorescent sensing and imaging of pH/copper ions in real samples based on carbon dots-fluorescein isothiocyanate composites. *Talanta.* 2017 Jan 1;162:65-71.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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