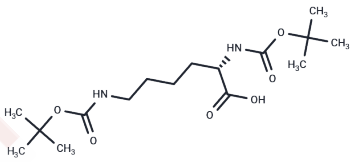
Data Sheet (Cat.No.T65887)

TargetMol

Boc-Lys(Boc)-OH

Chemical Properties



CAS No. : 2483-46-7

Formula: C16H30N2O6

Molecular Weight: 346.42

Storage: Keep away from moisture
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	Boc-Lys(Boc)-OH is an amino acid derivative used in peptide synthesis, where the α-amino and ε-amino groups of lysine are protected by Boc groups.
Targets(IC50)	Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 80 mg/mL (230.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8867 mL	14.4333 mL	28.8667 mL
5 mM	0.5773 mL	2.8867 mL	5.7733 mL
10 mM	0.2887 mL	1.4433 mL	2.8867 mL
50 mM	0.0577 mL	0.2887 mL	0.5773 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

Liu XY, et al. Multifunctional amphiphilic peptide dendrimer as nonviral gene vectors for effective cancer therapy via combined gene/photodynamic therapies. Colloids Surf B Biointerfaces. 2022 Jun 20;217:112651.
Huang J, et al. Preparation of fluorescein-based organic substance for enhancing luminescence intensity of alkaline phosphatase substrate and luminescence enhancer: China, CN114685417, 2022-07-01.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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