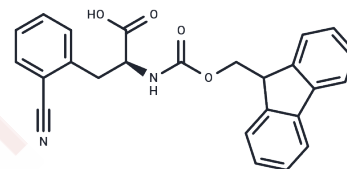


fmoc-L-2-cyanophenylalanine

Chemical Properties

CAS No. : 401933-16-2
 Formula: C₂₅H₂₀N₂O₄
 Molecular Weight: 412.44
 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-L-2-cyanophenylalanine is a derivative of the amino acid phenylalanine. Due to its excellent reactivity and stability, it is widely used in peptide synthesis, as well as in the synthesis of a variety of other biologically active molecules, such as peptide hormones, enzymes and antibodies.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mg/mL (24.25 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	2.4246 mL	12.123 mL	24.246 mL
5 mM	0.4849 mL	2.4246 mL	4.8492 mL
10 mM	0.2425 mL	1.2123 mL	2.4246 mL
50 mM	0.0485 mL	0.2425 mL	0.4849 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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