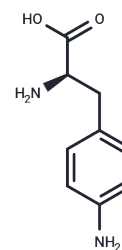


## 4-Amino-D-phenylalanine

## Chemical Properties

CAS No. :	102281-45-8
Formula:	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	180.2
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	4-Amino-D-phenylalanine ([D-Phe(4-NH <sub>2</sub> )]) is a cyclic pentapeptide that inhibits the binding of CXCL12 to CXCR4 in FC131, with an IC <sub>50</sub> value of 0.1 μM.
Targets(IC <sub>50</sub> )	CXCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5494 mL	27.7469 mL	55.4939 mL
5 mM	1.1099 mL	5.5494 mL	11.0988 mL
10 mM	0.5549 mL	2.7747 mL	5.5494 mL
50 mM	0.111 mL	0.5549 mL	1.1099 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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