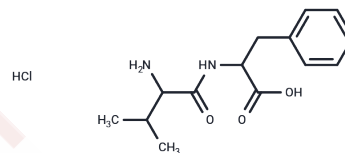


## L-Valyl-L-phenylalanine HCl

## Chemical Properties

CAS No. :	128090-87-9
Formula:	C <sub>14</sub> H <sub>21</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	300.781
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	2-(2-amino-3-methylbutanamido)-3-phenylpropanoic acid hydrochloride is an amino acid compound that is a synthetic analog of glutamate, an important neurotransmitter in the central nervous system. It has been investigated for its potential therapeutic applications in a variety of neurological disorders, including Alzheimer's disease, Parkinson's disease, and epilepsy.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (166.23 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	3.3247 mL	16.6234 mL	33.2469 mL
5 mM	0.6649 mL	3.3247 mL	6.6494 mL
10 mM	0.3325 mL	1.6623 mL	3.3247 mL
50 mM	0.0665 mL	0.3325 mL	0.6649 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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