

## L-Ornithine

Catalog No: #S0737

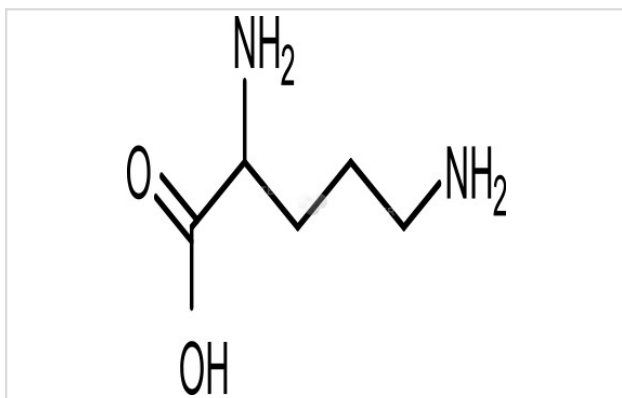
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## Description

Product Name	L-Ornithine
Brief Description	Inhibitors
Purification	99.00%
Target Name	Amino Acids and Derivatives; Arginase; Decarboxylase
Calculated MW	132.16
Formulation	C <sub>5</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Metabolism system  
SMILES: C(C[C@@H](C(=O)O)N)CN  
Pathways: Others  
Receptor: Ornithine aminotransferase; Ornithine carbamoyltransferase; Arginase-1; Arginase-2; Ornithine decarboxylase antizyme 1  
Boiling pt: 345.6°C  
Melting pt: 140°C  
Solubility: Soluble in Water  
Appearance: White Powder  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Kristiansen RG, et al. Am J Physiol Gastrointest Liver Physiol. 2014 Nov 15;307(10):G1024-31.

Note: This product is for in vitro research use only