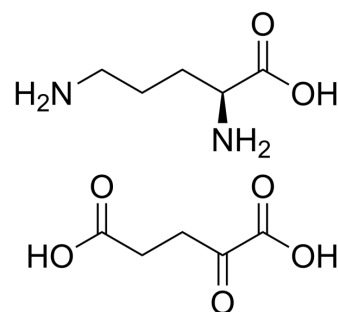


## L-Ornithine 2-oxoglutarate

Cat. No.:	HY-131514
CAS No.:	5191-97-9
Molecular Formula:	C <sub>10</sub> H <sub>18</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	278.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

L-Ornithine 2-oxoglutarate (Ornithine alpha-ketoglutarate) is a nutritional compound that is a salt of amino acids with antioxidant and anti-inflammatory effects. L-Ornithine 2-oxoglutarate stimulates the production of insulin and growth hormone, and promotes intracellular amino acid transport and protein synthesis<sup>[1][2]</sup>.

### REFERENCES

- [1]. Wang T, et al. Effect of Ornithine  $\alpha$ -Ketoglutarate on Intestinal Microbiota and Serum Inflammatory Cytokines in Dextran Sulfate Sodium Induced Colitis. *Nutrients*. 2023 May 26;15(11):2476.
- [2]. Jeevanandam M, et al. Ornithine-alpha-ketoglutarate (OKG) supplementation is more effective than its component salts in traumatized rats. *J Nutr*. 1996 Sep;126(9):2141-50.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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