



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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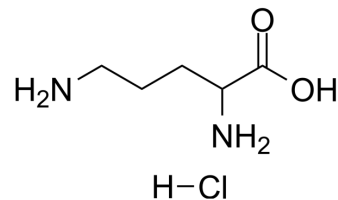
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DL-Ornithine hydrochloride

Cat. No.:	HY-B1713A
CAS No.:	1069-31-4
Molecular Formula:	C ₅ H ₁₃ ClN ₂ O ₂
Molecular Weight:	168.62
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 175 mg/mL (1037.84 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		5.9305 mL	29.6525 mL	59.3050 mL
	5 mM		1.1861 mL	5.9305 mL	11.8610 mL
	10 mM		0.5930 mL	2.9652 mL	5.9305 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

DL-Ornithine hydrochloride is the hydrochloride salt form of DL-Ornithine. DL-Ornithine hydrochloride is used as ergogenic supplements. DL-Ornithine hydrochloride prevents exercise induced muscle damage, influences the secretion of anabolic hormones, supply of fuel during exercise and mental performance during stress related tasks^[1].

REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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