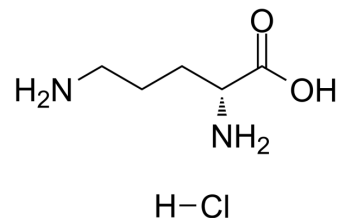


D-Ornithine hydrochloride

Cat. No.:	HY-34516
CAS No.:	16682-12-5
Molecular Formula:	C ₅ H ₁₃ ClN ₂ O ₂
Molecular Weight:	168.62
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
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 : 100 mg/mL (593.05 mM; Need ultrasonic)
 DMSO : ≥ 100 mg/mL (593.05 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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.

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 100 mg/mL (593.05 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

D-Ornithine ((R)-Ornithine) hydrochloride is an endogenous metabolite.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA