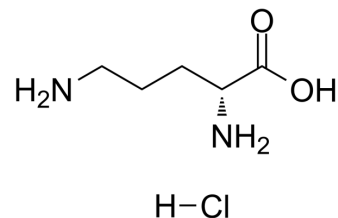


D-Ornithine hydrochloride

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	H ₂ O : 100 mg/mL (593.05 mM; Need ultrasonic) DMSO : ≥ 100 mg/mL (593.05 mM) * "≥" means soluble, but saturation unknown.					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	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.
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Caution: Product has not been fully validated for medical applications. For research use only.

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