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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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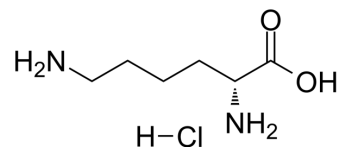
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D-Lysine monohydrochloride

Cat. No.:	HY-Y1804
CAS No.:	7274-88-6
Molecular Formula:	C ₆ H ₁₅ ClN ₂ O ₂
Molecular Weight:	183
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 (546.45 mM; Need ultrasonic)
DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	5.4645 mL	27.3224 mL	54.6448 mL
	5 mM	1.0929 mL	5.4645 mL	10.9290 mL	
	10 mM	0.5464 mL	2.7322 mL	5.4645 mL	

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

BIOLOGICAL ACTIVITY

Description

D-Lysine monohydrochloride is an Lysine stereoisomer which can be used as a component of surfactants^[1].

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

[1]. Mondal D, et, al. Synthesis and antibacterial properties of carbohydrate-templated lysine surfactants. Carbohydr Res. 2011 Apr 1;346(5):588-94.

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

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