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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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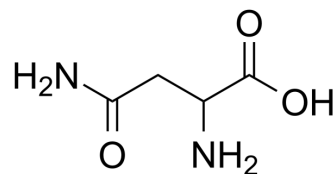
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DL-Asparagine

Cat. No.:	HY-W017442		
CAS No.:	3130-87-8		
Molecular Formula:	C ₄ H ₈ N ₂ O ₃		
Molecular Weight:	132.12		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (378.44 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	7.5689 mL	37.8444 mL	75.6888 mL
		5 mM	1.5138 mL	7.5689 mL	15.1378 mL
		10 mM	0.7569 mL	3.7844 mL	7.5689 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 25 mg/mL (189.22 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	DL-Asparagine is a racemic melange of the Asparagine L and D-enantiomers. DL-Asparagine has been used in growth-media for bacteria-growth ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Nabila Moussa Slimane, et al. dl-Asparaginium nitrate. Acta Crystallogr Sect E Struct Rep Online. 2009 Aug 19;65(Pt 9):o2180-1.

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

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