



SZABO SCANDIC

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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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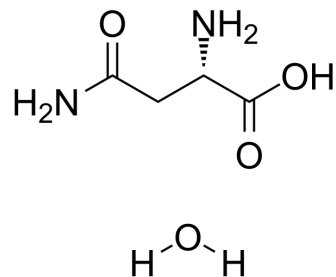
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L-Asparagine monohydrate

Cat. No.:	HY-W017443
CAS No.:	5794-13-8
Molecular Formula:	C ₄ H ₁₀ N ₂ O ₄
Molecular Weight:	150.13
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 : 20 mg/mL (133.22 mM; Need ultrasonic)
DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.6609 mL	33.3045 mL	66.6089 mL
	5 mM	1.3322 mL	6.6609 mL	13.3218 mL
	10 mM	0.6661 mL	3.3304 mL	6.6609 mL

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

BIOLOGICAL ACTIVITY

Description

L-Asparagine monohydrate ((-)-Asparagine monohydrate) is a non-essential amino acid that is involved in the metabolic control of cell functions in nerve and brain tissue.

IC₅₀ & Target

Human Endogenous Metabolite	Microbial Metabolite
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CUSTOMER VALIDATION

- Acta Pharm Sin B. 2022 Sep;12(9):3618-3638.
- Commun Biol. 2023 Jul 7;6(1):696.

See more customer validations on www.MedChemExpress.com

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

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