

L-天冬酰胺(99.0-101.0%, BioPremium)

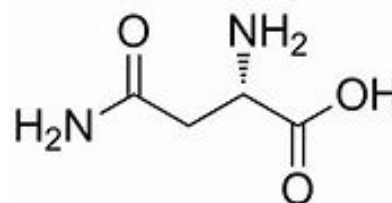
产品编号	产品名称	包装
ST1516-50g	L-天冬酰胺(99.0-101.0%, BioPremium)	50g
ST1516-250g	L-天冬酰胺(99.0-101.0%, BioPremium)	250g
ST1516-1kg	L-天冬酰胺(99.0-101.0%, BioPremium)	1kg
ST1516-5kg	L-天冬酰胺(99.0-101.0%, BioPremium)	5kg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
70-47-3	C ₄ H ₈ N ₂ O ₃	132.12	99.0-101.0%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	L-天冬酰胺
Name (English)	L-Asparagine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C ₄ H ₈ N ₂ O ₃
Synonym (Chinese)	L-天门冬酰胺;2-氨基-3-氨基甲酰丙酸
Synonym (English)	2-Amino-3-carbamoylpropanoicacid; 2-Aminosuccinamicacid; L-Asparticacid4-amide
Beilstein Registry No.	1723527
EINECS Number	200-735-9
MDL Number	MFCD00064401
PubChem Number	24890831
eCl@ss	32160406
NACRES	NA.75



➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	-
Application	L-Asparagine is used in cell culture media and is a component of MEM non-essential amino acids solution. L-Asparagine has been shown to enhance ornithine decarboxylase activity in cultured human colon adenocarcinoma Caco-2 cells and in cultured IEC-6 intestinal epithelial cells. Spore germination in Bacillus subtilis has been increased in the presence of L-asparagine. An isoxazoline RGD mimic platelet GPIIb/IIIa antagonist has been prepared by chiral synthesis with L-asparagine as a starting material. L-Asparagine has been utilized in the synthesis of 4-azalysine building blocks for application to combinatorial chemistry.
Other Notes	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

➤ 性质(Properties):

assay	99.0-101.0%
mp	235°C (dec.) (lit.)

bp	320.6°C at 760 mmHg
density	1.54 g/cm ³ at 20°C
solubility	H ₂ O: 20 g/L at 20°C - soluble
PH	—
grade	BioPremium
color	白色
form	powder
quality	meets USP, EP and JP Testing Specifications
suitability	suitable for cell culture
biological source	from non-animal source
application(S)	agriculture

➤ **安全信息(Safety Information):**

Pictogram(s)	No symbol.
Signal Word	No signal word
Hazard Statements	none
Precautionary statement(s) Prevention	none
Personal Protective Equipment	dust mask type N95 (US), Eyeshields, Gloves
Other hazards	none
RIDADR	NONH for all modes of transport
WGK	1
RTECS	CI9098500
Flash Point (F)	-
Flash Point (C)	-
SMILES string	N[C@@H](CC(N)=O)C(O)=O
InChI	1S/C4H8N2O3/c5-2(4(8)9)1-3(6)7/h2H,1,5H2,(H,6,7)(H,8,9)/t2-/m0/s1
InChI key	DCXYFEDJOCDNAF-REOHCLBHSA-N
Response	none
Storage Class Code	13 - Non Combustible Solids
Disposal	none
TSCA	Yes

包装清单:

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—	说明书	1份

保存条件:

室温避光保存。

注意事项:

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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