

L-缬氨酸(99.0-101.0%, BioPremium)

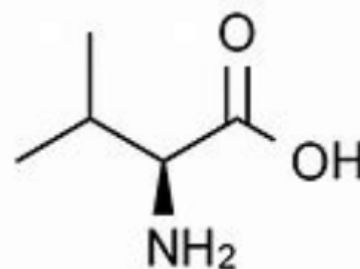
产品编号	产品名称	包装
ST1502-50g	L-缬氨酸(99.0-101.0%, BioPremium)	50g
ST1502-250g	L-缬氨酸(99.0-101.0%, BioPremium)	250g
ST1502-1kg	L-缬氨酸(99.0-101.0%, BioPremium)	1kg
ST1502-5kg	L-缬氨酸(99.0-101.0%, BioPremium)	5kg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
72-18-4	C ₅ H ₁₁ NO ₂	117.15	99.0-101.0%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	L-缬氨酸
Name (English)	L-Valine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C ₅ H ₁₁ NO ₂
Synonym (Chinese)	2-氨基-3-甲基丁酸 L-穿心排草氨基 L-异戊氨酸 A-胺异戊酸 2-氨基异戊酸 α-氨基异戊酸
Synonym (English)	2-Aminoisovaleric acid; 2-Amino-3-methylbutyric acid; L-(+)-.alpha.-Aminoisovaleric acid; 2-Amino-3-methylbutanoic acid
Beilstein Registry No.	1721136
EINECS Number	200-773-6
MDL Number	MFCD00064220
PubChem Number	24900696
eCl@ss	32160406
NACRES	NA.26



➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	Valine is an essential amino acid, involved in the biosynthesis of glutamine and alanine. Valine being a branched-chain amino acid (BCAA) maintains a balance among the BCAAs. L-Valine serves as an energy fuel. Long term deficiency of L-Valine leads to growth failure, organ damage and loss of muscle mass.
Application	L-Valine as been used in the preparation of amino acid supplemented media to culture primary hepatocytes.
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	295-300°C (subl.) (lit.)
bp	213.6±23.0°C at 760 mmHg (Predicted)
density	1.23 g/cm ³ at 20°C

solubility	H ₂ O: 88.5 g/L at 25°C - soluble
PH	5.5-7.0 (100 g/L, H ₂ O, 20°C)
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)	pharmaceutical (small molecule)

➤ **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	YV9361000
Flash Point (F)	-
Flash Point (C)	-
SMILES string	CC(C)[C@H](N)C(O)=O
InChI	1S/C5H11NO2/c1-3(2)4(6)5(7)8/h3-4H,6H2,1-2H3,(H,7,8)/t4-/m0/s1
InChI key	KZSNJWFQEVHDMF-BYPYZUCNSA-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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