

L-亮氨酸(99.0-101.0%, BioPremium)

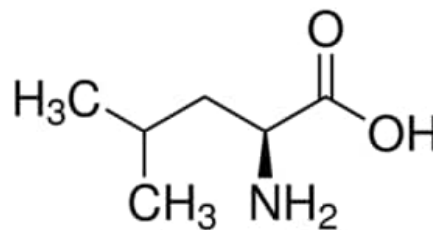
产品编号	产品名称	包装
ST1532-50g	L-亮氨酸(99.0-101.0%, BioPremium)	50g
ST1532-250g	L-亮氨酸(99.0-101.0%, BioPremium)	250g
ST1532-1kg	L-亮氨酸(99.0-101.0%, BioPremium)	1kg
ST1532-5kg	L-亮氨酸(99.0-101.0%, BioPremium)	5kg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
61-90-5	C ₆ H ₁₃ NO ₂	131.17	99.0-101.0%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	L-亮氨酸
Name (English)	L-Leucine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C ₆ H ₁₃ NO ₂
Synonym (Chinese)	L-白氨酸; 氨基异己酸; L-闪白氨基酸; A-氨基异己酸; 亮氨酸 (LEU); 亮氨酸溶液 (LEU); 2-氨基-4-甲基戊酸; L-2-氨基-4-甲基戊酸; (S)-2-氨基-4-甲基戊酸; 亮氨酸 (LEU)溶液,100PPM; L-白氨酸,L-闪白氨基酸,氨基异己酸
Synonym (English)	L-Leu; Leucine; H-Leu-OH; L-Leucine; 1-Leucine; L(+)-LEUCINE;4-methyl-norvalin;4-methyl-1-norvalin; amino-4-methyl-valericaci; 2-amino-4-methylpentanoicacid; 2-Amino-4-methylpentanoic acid; (s)-2-amino-4-methylvalericacid; (S)-2-Amino-4-methylpentanoic acid; alpha-Amino-gamma-methylvaleric acid
Beilstein Registry No.	1721722
EINECS Number	200-522-0
MDL Number	MFCD00002617
PubChem Number	24896510
eCl@ss	32160406
NACRES	NA.26



➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	Leucine is a non-glucogenic, essential amino acid. It is a branched-chain amino acid that is a structural component of proteins. Leucine positively influences insulin release to eliminate toxic sugars out of the blood. The degradation of leucine leads to the formation of ketone bodies.
Application	L-leucine has been used as a hypertrophic agent to monitor its effects on myotubes. It has also been used as a component of PMG media for culturing yeast.

Other Notes	-
-------------	---

➤ **性质(Properties):**

assay	99.0-101.0%
mp	>300°C (dec.) (lit.)
bp	225.8°C at 760 mmHg
density	1.293 g/cm ³
solubility	H ₂ O: 23 g/L at 25°C - soluble
PH	5.5-6.5 at 20 g/L at 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)	peptide synthesis 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	OH2850000
Flash Point (F)	-
Flash Point (C)	-
SMILES string	CC(C)C[C@H](N)C(O)=O
InChI	1S/C6H13NO2/c1-4(2)3-5(7)6(8)9/h4-5H,3,7H2,1-2H3,(H,8,9)/t5-/m0/s1
InChI key	ROHFNLRQFUQHCH-YFKPBYRVSA-N
Response	none
Storage Class Code	11 - Combustible Solids
Disposal	none
TSCA	Yes

包装清单:

产品编号	产品名称	包装
ST1532-50g	L-亮氨酸(99.0-101.0%, BioPremium)	50g
ST1532-250g	L-亮氨酸(99.0-101.0%, BioPremium)	250g
ST1532-1kg	L-亮氨酸(99.0-101.0%, BioPremium)	1kg
ST1532-5kg	L-亮氨酸(99.0-101.0%, BioPremium)	5kg
-	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。