

## L-异亮氨酸(99.0-101.0%, BioPremium)

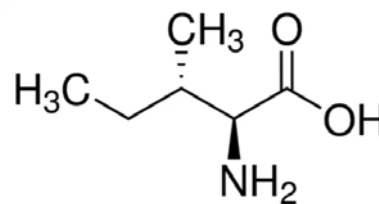
产品编号	产品名称	包装
ST1486-50g	L-异亮氨酸(99.0-101.0%, BioPremium)	50g
ST1486-250g	L-异亮氨酸(99.0-101.0%, BioPremium)	250g
ST1486-1kg	L-异亮氨酸(99.0-101.0%, BioPremium)	1kg
ST1486-5kg	L-异亮氨酸(99.0-101.0%, BioPremium)	5kg

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
73-32-5	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>	131.17	99.0-101.0%	BioPremium

### ➤ 基本信息(General Information):

Name (Chinese)	L-异亮氨酸
Name (English)	L-Isoleucine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>
Synonym (Chinese)	L-2-氨基-3-甲基戊酸
Synonym (English)	2-Amino-3-methylvaleric acid; (2S)-2-Amino-3-methylpentanoic acid; (2S,3S)-(+)-Isoleucine; L-2-Amino-3-methylvaleric Acid; L-(+)-Isoleucine; L-ISOLEUCINE SIGMA GRADE
Beilstein Registry No.	1721792
EINECS Number	200-798-2
MDL Number	MFCD00064222
PubChem Number	24896115
eCl@ss	32160406
NACRES	NA.26



### ➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	L-Isoleucine is an essential amino acid that is synthesized from threonine. It is a branched-chain hydrophobic amino acid. L-isoleucine is an isomer of L-leucine.
Application	L-Isoleucine has been used as a supplement of maintenance media consisting of DMEM/F-12 for the culture of primary hepatocytes. It has also been used as a supplement for serial culture of adult murine keratinocytes.
Other Notes	-

### ➤ 性质(Properties):

assay	99.0-101.0%
mp	288°C (dec.) (lit.)
bp	225.8±23.0°C at 760 mmHg (Predicted)
density	1.207 g/cm <sup>3</sup> at 20°C
solubility	H <sub>2</sub> O: 34 g/L at 25°C - soluble
PH	5.5-6.5 (40 g/L, H <sub>2</sub> 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)	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	NR4705000
Flash Point (F)	-
Flash Point (C)	-
SMILES string	CC[C@H](C)[C@H](N)C(O)=O
InChI	1S/C6H13NO2/c1-3-4(2)5(7)6(8)9/h4-5H,3,7H2,1-2H3,(H,8,9)/t4-,5-/m0/s1
InChI key	AGPKZVBTJJNPAG-WHFBIAKZSA-N
Response	none
Storage Class Code	13 - Non Combustible Solids
Disposal	none
TSCA	Yes

包装清单:

产品编号	产品名称	包装
ST1486-50g	L-异亮氨酸(99.0-101.0%, BioPremium)	50g
ST1486-250g	L-异亮氨酸(99.0-101.0%, BioPremium)	250g
ST1486-1kg	L-异亮氨酸(99.0-101.0%, BioPremium)	1kg
ST1486-5kg	L-异亮氨酸(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。

Version 2023.06.15