

L-苯丙氨酸(99.0-101.0%, BioPremium)

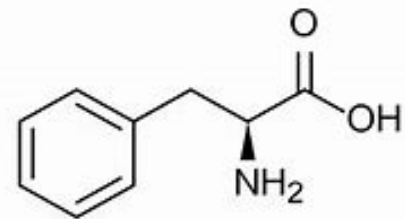
产品编号	产品名称	包装
ST1469-50g	L-苯丙氨酸(99.0-101.0%, BioPremium)	50g
ST1469-250g	L-苯丙氨酸(99.0-101.0%, BioPremium)	250g
ST1469-1kg	L-苯丙氨酸(99.0-101.0%, BioPremium)	1kg
ST1469-5kg	L-苯丙氨酸(99.0-101.0%, BioPremium)	5kg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
63-91-2	C ₉ H ₁₁ NO ₂	165.19	99.0-101.0%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	L-苯丙氨酸
Name (English)	L-Phenylalanine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C ₉ H ₁₁ NO ₂
Synonym (Chinese)	L-苯基丙氨酸; L-苯基丙胺酸; L-苯丙氨酸 AJI88, USP23, FCCIII, CP2000; L-α-氨基氢化肉桂酸; L-2-氨基苯丙酸
Synonym (English)	PHENYALANINE, L-; PHENYLALANINE; PHE; PHENYLALANINE, L-; (S)-2-AMINO-3-PHENYLPROPIONIC ACID; (S)-(-)-PHENYLALANINE; H-L-PHE-OH; (S)-2-Amino-3-phenylpropionic acid~H-Phe-OH; L-beta-Phenylalanine 99 %; H-Phe-OH; L(-)-PHENYLALANILINE; L-Phenylalanine
Beilstein Registry No.	1910408
EINECS Number	200-568-1
MDL Number	MFCD00064227
PubChem Number	24898657
eCl@ss	32160406
NACRES	NA.26



➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	L-Phenylalanine is an essential amino acid. It is significantly involved in the synthesis of neurotransmitters such as dopamine, epinephrine, norepinephrine, l-DOPA (Dihydroxyphenylalanine), melanin and thyroxine. L-Phenylalanine metabolism also results in phenylethylamine, that brings about effect of a stimulant in the brain and enhances mood.
Application	L-Phenylalanine has been used as a component of cell culture media. It has been used in the preparation of Dulbecco's Modified Eagle's Medium which has been utilized as a basal media to maintain primary cultures of human embryonic kidney 293T cells.

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.
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➤ **性质(Properties):**

assay	99.0-101.0%
mp	270-275°C (dec.) (lit.)
bp	295°C at 760 mmHg
density	1.343 g/cm ³ at 20°C
solubility	H ₂ O: 16.5 g/L at 20°C - completely soluble
PH	5.0-7.0 at 16.5 g/L at 25°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	AY7533000
Flash Point (F)	-
Flash Point (C)	-
SMILES string	N[C@@H](Cc1ccccc1)C(O)=O
InChI	1S/C9H11NO2/c10-8(9(11)12)6-7-4-2-1-3-5-7/h1-5,8H,6,10H2,(H,11,12)/t8-/m0/s1
InChI key	COLNVLDHVKWLRT-QMMMGPBSA-N
Response	none
Storage Class Code	11 - 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。

Version 2023.06.15