

L-色氨酸(99.0-101.0%, BioPremium)

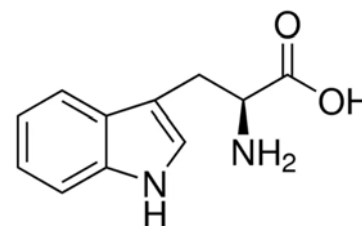
产品编号	产品名称	包装
ST1520-50g	L-色氨酸(99.0-101.0%, BioPremium)	50g
ST1520-250g	L-色氨酸(99.0-101.0%, BioPremium)	250g
ST1520-1kg	L-色氨酸(99.0-101.0%, BioPremium)	1kg
ST1520-5kg	L-色氨酸(99.0-101.0%, BioPremium)	5kg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
73-22-3	C ₁₁ H ₁₂ N ₂ O ₂	204.23	99.0-101.0%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	L-色氨酸
Name (English)	L-Tryptophan
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C ₁₁ H ₁₂ N ₂ O ₂
Synonym (Chinese)	L-2-氨基-3-吲哚基丙酸;(±)-2-氨基-3-(3-吲哚基)丙酸;L-2-氨基-3-吲哚基-1-丙酸;L-氨基吲哚丙酸;L-色氨酸;L-胰化蛋白氨基酸;L-2-氨基-3-吲哚基-丙酸;L-色胺酸
Synonym (English)	H-Trp-OH; L-Tryptophane; L-Tryptohan, 99%; 2,4,5,6-Tetrachloropyrimidine; TRP; (S)-2-Amino-3-(3-indolyl)propionic acid; 2-Amino-3-(1H-indol-3-yl)propanoic acid
Beilstein Registry No.	86197
EINECS Number	200-795-6
MDL Number	MFCD00064340
PubChem Number	24900575
eCl@ss	32160406
NACRES	NA.26



➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	Tryptophan (Trp) is one of the functional amino acids that is associated with growth, reproduction, maintenance and immunity. Increased Trp availability is necessary for the regulation of mood, cognition and behaviour. It is hypothesised that L-Trp might be useful in inducing sleep in healthy adults against the normal circadian rhythm. Trp uptake by the brain depends on the plasma ratio of Trp to all of the other LNAAs (large neutral amino acids). Higher the Trp:LNAAs ratio, greater is the Trp uptake.
Application	L-Tryptophan has been used in PreC media preparation and in cell culture.
Other Notes	-

➤ 性质(Properties):

assay	99.0-101.0%
mp	280-285°C (dec.) (lit.)
bp	342.72°C at 760 mmHg (rough estimate)

density	1.39 g/cm ³ at 22°C
solubility	H ₂ O: 11.4 g/L at 25°C - soluble
PH	5.5-7 at 1 g/L at 25°C
grade	BioPremium
color	白色或黄色
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	YN6130000
Flash Point (F)	-
Flash Point (C)	-
SMILES string	N[C@@H](Cc1c[nH]c2cccc12)C(O)=O
InChI	1S/C11H12N2O2/c12-9(11(14)15)5-7-6-13-10-4-2-1-3-8(7)10/h1-4,6,9,13H,5,12H 2,(H,14,15)/t9-/m0/s1
InChI key	QIVBCDIJIAJPQS-VIFPVBQESA-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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