

## L-酪氨酸(99.0-101.0%, BioPremium)

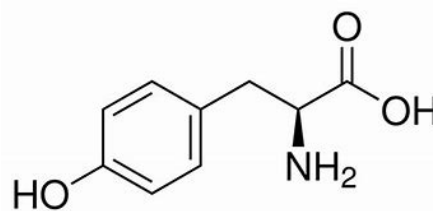
产品编号	产品名称	包装
ST1505-50g	L-酪氨酸(99.0-101.0%, BioPremium)	50g
ST1505-250g	L-酪氨酸(99.0-101.0%, BioPremium)	250g
ST1505-1kg	L-酪氨酸(99.0-101.0%, BioPremium)	1kg
ST1505-5kg	L-酪氨酸(99.0-101.0%, BioPremium)	5kg

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
60-18-4	C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>	181.19	99.0-101.0%	BioPremium

### ➤ 基本信息(General Information):

Name (Chinese)	L-酪氨酸
Name (English)	L-Tyrosine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>
Synonym (Chinese)	L-β-对羟基苯基-β-丙氨酸;(2S,3R)-2-氨基-3-对羟基苯基丙酸
Synonym (English)	3-(4-Hydroxyphenyl)-L-alanine; H-Tyr-OH; L-tyrosine,99+% (98% ee/glc); L-tyrosine free base cell culture*tested; L-tyrosine plant cell culture tested; L-Tyrosine, Free Base; tyrosine usp
Beilstein Registry No.	392441
EINECS Number	200-460-4
MDL Number	MFCD00002606
PubChem Number	24900543
eCl@ss	32160406
NACRES	NA.26



### ➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	L-Tyrosine consists of a polar side chain and is a non-essential amino acid. It is utilized by cells to synthesize proteins that are involved in signal transduction. L-Tyrosine acts as a receiver of phosphate groups that are transferred by kinases.
Application	L-Tyrosine has been used as a supplement in Dulbecco's modified Eagle's medium for culturing SY5Y neuroblastoma cells for stable isotope labeling of amino acids on cell culture (SILAC).
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	>300°C (dec.) (lit.)
bp	385.2°C at 760 mmHg

density	1.41 g/cm <sup>3</sup>
solubility	H <sub>2</sub> O: 0.479 g/L at 25°C - soluble
PH	6.5 (0.1 g/L, H <sub>2</sub> O)
grade	BioPremium
color	白色或灰白色
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 data available
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	YP2275600
Flash Point (F)	-
Flash Point (C)	-
SMILES string	N[C@@H](Cc1ccc(O)cc1)C(O)=O
InChI	1S/C9H11NO3/c10-8(9(12)13)5-6-1-3-7(11)4-2-6/h1-4,8,11H,5,10H2,(H,12,13)/t8-m/s1
InChI key	OUYCCASQSFEME-QMMMGPBSA-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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