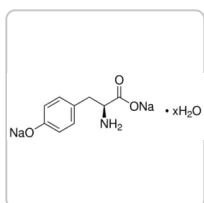


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photos (4)

Documents



FDS



COO/COA



Fiche des
caractéristiques

Plus de
documents »

T1145 ▶ **Sigma-Aldrich.**

L-Tyrosine disodium salt hydrate

★★★★★ (0)

BioReagent, suitable for cell culture, suitable for insect cell culture, ≥98% (HPLC)

Synonyme(s):

L-3-(4-Hydroxyphenyl)alanine disodium salt hydrate

Empirical Formula (Hill Notation):

C₉H₉NNa₂O₃ · xH₂O

Numéro CAS: **69847-45-6**

Poids moléculaire: 225.15 (anhydrous basis)

Numéro MDL: **MFCD08276422**

eCl@ss: 32160406

ID de substance PubChem: **24899937**

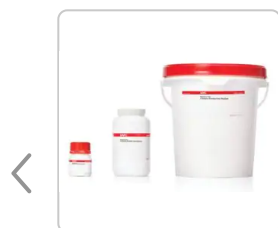
Référence	Conditionnement	Disponibilité	Prix	Quantité
T1145-25G	25 G	Only 3 left in stock (more on the way) Détails...	91,60 €	- +
T1145-100G	100 G	Disponible pour expédition le 10 octobre 2022 Détails...	324,00 €	- +
T1145-500G	500 G	Date d'expédition estimée le 03 novembre 2022 Détails...	1 110,00 €	- +

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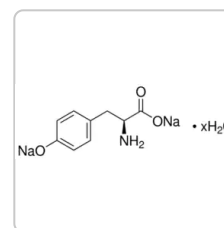
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PRODUITS RECOMMANDÉS



SAFC

RES3156T-A7**L-Tyrosine disodium salt dihydrate**[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

T2269**L-Tyrosine disodium salt hydrate**

≥98% (HPLC), powder

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Gamme de produits

BioReagent

Niveau de qualité

200

Essai/Dosage

≥98% (HPLC)

Forme

powder

technique(s)

cell culture | insect: suitable
cell culture | mammalian: suitable

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SMILES string

O.[Na+].[Na+].N[C@@H](Cc1ccc([O-])cc1)C([O-])=O

InChI

1S/C9H11NO3.2Na.H2O/c10-8(9(12)13)5-6-1-3-7(11)4-2-6;;;/h1-4,8,11H,5,10H2,(H,12,13);;1H2/q;2*+1;/p-2/t8-;;;/m0.../s1

InChI key

SMJHYQCAVHUILN-CZDIJEQGSA-L

Vous recherchez des produits similaires ? Visitez [Guide de comparaison des produits](#)

Catégories apparentées
[Amino Acids](#)
DESCRIPTION**Description générale**

Tyrosine is a polar, non-essential amino acid with a phenolic functionality. L-tyrosine is a natural amino acid that is incorporated into proteins as directed by the genetic code. The phenolic function makes the tyrosine residue in proteins a principle recipient of reactions such as phosphorylation/dephosphorylation important for cell signalling. Tyrosine is also a precursor of various neurotransmitters and hormones.

Conditionnement

25, 100, 500 g in poly bottle

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[GET YOURS HERE](#)**Attention**

Extremely hygroscopic.

Adéquation

This product has been qualified for use in insect cell cultures.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms**GHS05****Mention d'avertissement**

Danger

Mentions de danger**H318****Conseils de prudence****P280 - P305 + P351 + P338****Classification des risques**

Eye Dam. 1

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 1

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

dust mask type N95 (US),
Eyeshields, Gloves

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Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

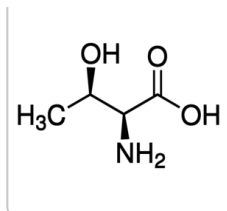
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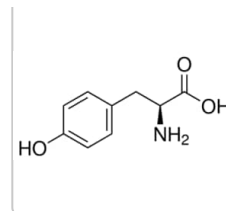
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T4071
L-Threonine

[Consulter le prix et la disponibilité](#)

93829
L-Tyrosine
BioUltra, ≥99.0% (NT)

[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Subcutaneous L-tyrosine elicits cutaneous analgesia in response to local skin pinprick in rats.

Ching-Hsia Hung et al.

European journal of pharmacology, 765, 457-462 (2015-09-17)

The purpose of the study was to estimate the ability of L-tyrosine to induce cutaneous analgesia and to investigate the interaction between L-tyrosine and the local anesthetic lidocaine. After subcutaneously injecting the rats with L-tyrosine and lidocaine in a dose-dependent

Asparagine enhances LCK signalling to potentiate CD8+ T-cell activation and anti-tumour responses.

Jun Wu et al.

Nature cell biology, 23(1), 75-86 (2021-01-10)

Nutrient availability is central for T-cell functions and immune responses. Here we report that CD8+ T-cell activation and anti-tumour responses are strongly potentiated by the non-essential amino acid Asn. Increased Asn levels enhance CD8+ T-cell activation and effector functions against

Extensive crosstalk between O-GlcNAcylation and phosphorylation regulates cytokinesis.

Zihao Wang et al.

Science signaling, 3(104), ra2-ra2 (2010-01-14)

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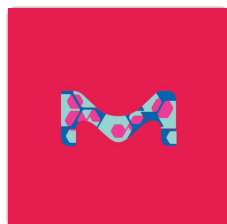
Amino acids inhibit kynurenic acid formation via suppression of kynurenine uptake or kynurenic acid synthesis in rat brain in vitro.

Airi Sekine et al.

SpringerPlus, 4, 48-48 (2015-02-13)

The tryptophan metabolite, kynurenic acid (KYNA), is a preferential antagonist of the $\alpha 7$ nicotinic acetylcholine receptor at endogenous brain concentrations. Recent studies have suggested that increase of brain KYNA levels is involved in psychiatric disorders such as schizophrenia and depression.

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

T1143

Trypsinogen from bovine pancreas

essentially salt-free, lyophilized powder, ≥10,000 BAEE units/mg protein (E1%/280, after activation to trypsin)

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

T1126

Thyroglobulin from porcine thyroid gland
powder

[Consulter le prix et la disponibilité](#)

Évaluations



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