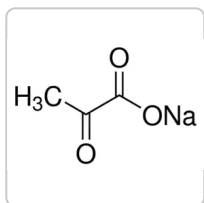


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P4562 ▶ **Sigma-Aldrich.**

Sodium pyruvate

★★★★★ (0)

powder, BioXtra, suitable for mouse embryo cell culture

Synonyme(s):

α-Ketopropionic acid sodium salt, 2-Oxopropanoic acid sodium salt, Pyruvic acid sodium salt

Formule linéaire:CH₃COCOONa**Numéro CAS:** **113-24-6****Beilstein:** 3568341**Numéro MDL:** **MFCD00002586****NACRES:** NA.75**Poids moléculaire:** 110.04**Numéro EC:** **204-024-4****ID de substance PubChem:** **24898552**

Référence	Conditionnement	Disponibilité	Prix	Quantité
P4562-5G	5 G	✓ Only 3 left in stock (more on the way) Détails...	52,00 €	- + i
P4562-25G	25 G	✓ Only 2 left in stock (more on the way) Détails...	105,00 €	- + i
P4562-100G	100 G	✓ Disponible pour expédition le 10 octobre 2022 Détails...	388,00 €	- + i

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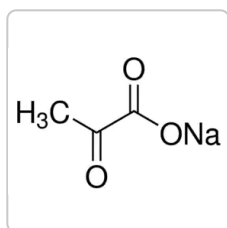
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PRODUITS RECOMMANDÉS



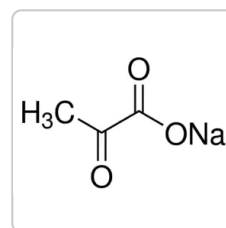
Sigma-Aldrich

P5280

Sodium pyruvate

powder, BioReagent, suitable for cell culture, suitable for insect cell culture, ≥99%

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Sigma-Aldrich

P2256

Sodium pyruvate

ReagentPlus®, ≥99%

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Gamme de produits BioXtra

Niveau de qualité 200

Essai/Dosage ≥99%

Forme powder

technique(s) cell culture | embryo: suitable

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Temp. de stockage

2-8°C

SMILES string

[Na+].CC(=O)C([O-])=O

InChI

1S/C3H4O3.Na/c1-2(4)3(5)6;/h1H3,(H,5,6);/q;+1/p-1

InChI key

DAEPDZWVDSPTHF-UHFFFAOYSA-M

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

Catégories apparentées[Mouse Embryo Media](#)**DESCRIPTION****Description générale**

Pyruvate, the end-product of the glycolysis pathway, is the anion of pyruvic acid.

Application

Sodium pyruvate has been used:

- as a supplement in Ca^{2+} + N-Tris(hydroxymethyl)methyl-2-aminoethanesulfonic acid (TES)–NaCl medium for sperm incubation

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5, 25, 100 g in poly bottle

Actions biochimiques/physiologiques

Sodium pyruvate is mainly used as a constituent in culture broth and media. It exhibits anti-oxidation and anti-inflammatory properties. Hence sodium pyruvate is considered a possible therapy for allergic rhinitis. Sodium pyruvate might also be a new approach treating lactic acidosis.

Sodium pyruvate is used by cells as an easily accessible carbohydrate source. Additionally, it is involved with amino acid metabolism and initiates the Krebs's cycle. Sodium pyruvate attenuates oxidative stress *in vitro*. The 100 mM solution should be diluted at 1:100 for most cell culture applications. This product has been qualified for use in mouse embryo cultures.

INFORMATIONS SUR LA SÉCURITÉ**Pictograms****GHS07****Mention d'avertissement**

Warning

Mentions de danger**H317 - H319****Conseils de prudence****P280 - P302 + P352 - P305 +
P351 + P338****Classification des risques**

Eye Irrit. 2 - Skin Sens. 1B

**Code de la classe de
stockage**

13 - Non Combustible Solids

WGK

WGK 1

Flash Point(F)

Not applicable

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DOCUMENTATION

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

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Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

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Numéro de lot

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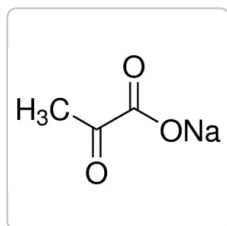
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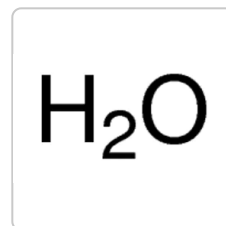
SAFC

105477

Sodium pyruvate

EMPROVE® ESSENTIAL

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Sigma-Aldrich

W1503

Water

for embryo transfer, sterile-filtered, BioXtra, suitable for mouse embryo cell culture

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ARTICLES REVUS PAR DES PAIRS

In vitro maturation of caprine oocytes in different concentrations of estrous goat serum

Kharche SD, et al.

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Rekin S Janky et al.

PLoS computational biology, 10(7), e1003731-e1003731 (2014-07-25)

Identifying master regulators of biological processes and mapping their downstream gene networks are key challenges in systems biology. We developed a computational method, called iRegulon, to reverse-engineer the transcriptional regulatory network underlying a co-expressed gene set using cis-regulatory sequence analysis.

The histone H2A deubiquitinase Usp16 regulates embryonic stem cell gene expression and lineage commitment.

Wei Yang et al.

Nature communications, 5, 3818-3818 (2014-05-03)

Polycomb Repressive Complex 1 and histone H2A ubiquitination (ubH2A) contribute to embryonic stem cell (ESC) pluripotency by repressing lineage-specific gene expression. However, whether active deubiquitination co-regulates ubH2A levels in ESCs and during differentiation is not known. Here we report that

Functional effects of Toll-like receptor (TLR)3, 7, 9, RIG-I and MDA-5 stimulation in nasal epithelial cells.

Lotta Tengroth et al.

PloS one, 9(6), e98239-e98239 (2014-06-03)

The human nasal epithelium is an important physical barrier, and a part of the innate immune defense that protect against pathogens. The epithelial cells recognize microbial components by pattern-recognition receptors (PRRs), and thereby trigger an immune response. Even though TLR3

Ultrasonic three-dimensional on-chip cell culture for dynamic studies of tumor immune surveillance by natural killer cells.

Athanasia E Christakou et al.

Lab on a chip, 15(15), 3222-3231 (2015-07-02)

We demonstrate a simple method for three-dimensional (3D) cell culture controlled by ultrasonic standing waves in a multi-well microplate. The method gently arranges cells in a suspension into a single aggregate in each well of the microplate and, by this

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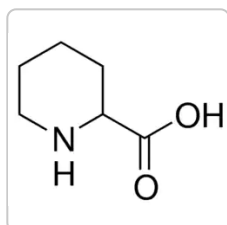


Articles

Embryo Culture Media

Mouse embryo media and embryo validated reagents for transgenic mouse embryo culture

PRODUITS CONSULTÉS RÉCEMMENT



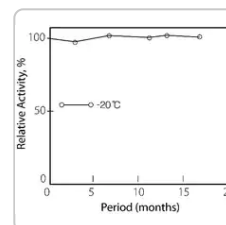
Sigma-Aldrich

P45850

Pipecolic acid

98%

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Sigma-Aldrich

P4591

Pyruvate Oxidase from microorganisms

lyophilized powder, ≥ 1.5 U/mg

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Évaluations



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