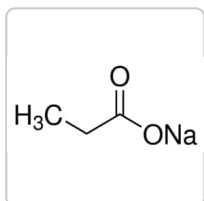


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P5436 ▶ **Sigma-Aldrich.**

Sodium propionate

★★★★★ (0)

≥99.0%, BioReagent, suitable for insect cell culture

Synonyme(s):

Propionic acid sodium salt

Formule linéaire:

CH₃CH₂COONa

Numéro CAS: **137-40-6**

Poids moléculaire: 96.06

Beilstein: 3566934

Numéro EC: **205-290-4**

Numéro MDL: **MFCD00002759**

ID de substance PubChem: **24898642**

NACRES: NA.75

Référence	Conditionnement	Disponibilité	Prix	Quantité
P5436-100G	100 G	Only 3 left in stock (more on the way)	Détails... 63,30 €	- + i

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[Ajouter au panier](#)

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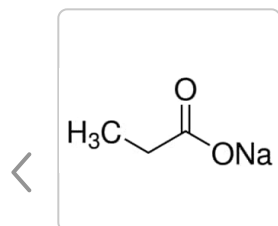
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PRODUCTS RECOMMANDÉS



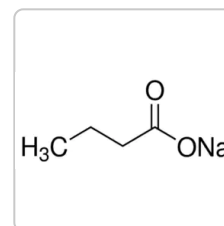
Sigma-Aldrich

P1880

Sodium propionate
≥99.0%



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Sigma-Aldrich

303410

Sodium butyrate
98%



[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Source biologique	synthetic (organic)
Niveau de qualité	200
Gamme de produits	BioReagent
Essai/Dosage	≥99.0%
Forme	powder
technique(s)	cell culture insect: suitable
Pf	285-286 °C (lit.)

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InChI 1S/C3H6O2.Na/c1-2-3(4)5;/h2H2,1H3,(H,4,5);/q;+1/p-1

InChI key JXKPEJDQGNYQSM-UHFFFAOYSA-M

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

DESCRIPTION

Conditionnement

100 g in poly bottle

Application

Used as a mold inhibitor in insect cell culture applications.

Actions biochimiques/physiologiques

Sodium propionate has an ability to prevent ketosis in dairy cattle.

INFORMATIONS SUR LA SÉCURITÉ

Pictograms

Mention d'avertissement

Mentions de danger

Conseils de prudence

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Eye Irrit. 2

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelledust mask type N95 (US),
Eyeshields, Gloves

DOCUMENTATION

Certificat d'analyse

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

Numéro de lot

e.g. 023J5431

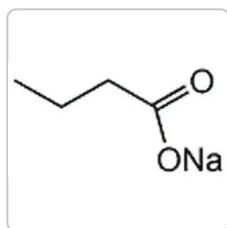
Comment saisir un numéro de lot (COA)**Rechercher****Certificat d'origine**

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

Numéro de lot

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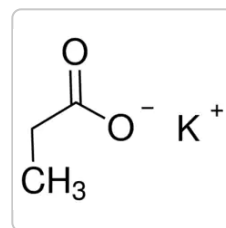
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Sigma-Aldrich

567430**Sodium Butyrate - CAS 156-54-7 - Calbiochem**

A short chain fatty acid that has been shown to induce apoptosis in colon carcinoma cell lines by a p53-...

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Sigma-Aldrich

CDS000543**Potassium propionate**

Aldrich^{CPR}

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Use of sodium propionate in the prevention of ketosis in dairy cattle

Schultz LH

Journal of Dairy Science, 41(1), 160-168 (1958)

Sodium butyrate attenuated neuronal apoptosis via GPR41/G β γ /PI3K/Akt pathway after MCAO in rats.

Zhenhua Zhou et al.

Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism, 41(2), 267-281 (2020-03-11)

Sodium butyrate, a short-chain fatty acid, is predominantly produced by gut microbiota fermentation of dietary fiber and serves as an important neuromodulator in the central nervous system. Recent experimental evidence has suggested that sodium butyrate may be an endogenous ligand

Endogenous murine microbiota member *Faecalibaculum rodentium* and its human homologue protect from intestinal tumour growth.

Elena Zagato et al.

Nature microbiology, 5(3), 511-524 (2020-01-29)

The microbiota has been shown to promote intestinal tumourigenesis, but a possible anti-tumourigenic effect has also been postulated. Here, we demonstrate that changes in the microbiota and mucus composition are concomitant with tumourigenesis. We identified two anti-tumourigenic strains of the

Labile Dissolved Organic Matter Compound Characteristics Select for Divergence in Marine Bacterial Activity and Transcription.

Benjamin Pontiller et al.

Frontiers in microbiology, 11, 588778-588778 (2020-10-27)

Bacteria play a key role in the planetary carbon cycle partly because they rapidly assimilate labile dissolved organic matter (DOM) in the ocean. However, knowledge of the molecular mechanisms at work when bacterioplankton metabolize distinct components of the DOM pool

Enteric bacterial metabolites propionic and butyric acid modulate gene expression, including CREB-dependent catecholaminergic neurotransmission, in PC12 cells--possible relevance to autism spectrum disorders.

Bistra B Nankova et al.

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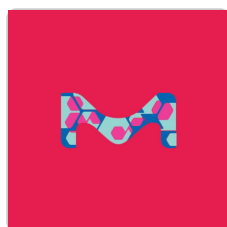


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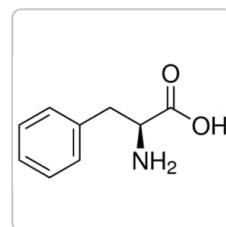


Sigma-Aldrich

P5459

Protease from *Bacillus licheniformis*
glycerol solution (50%)

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Sigma-Aldrich

P5482

L-Phenylalanine

from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 98.5-101.0%

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Évaluations



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Questions

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