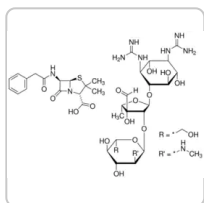


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P4333 ▶ **Sigma-Aldrich.**

Penicillin-Streptomycin

★★★★★ 5.0 (2)

Solution stabilized, with 10,000 units penicillin and 10 mg streptomycin/mL, 0.1 µm filtered, BioReagent, suitable for cell culture

Synonyme(s):

Pen-Strep

NACRES:

NA.76

Référence	Conditionnement	Disponibilité	Prix	Quantité
P4333-20ML	20 ML	Disponible pour expédition le 10 octobre 2022	Détails... 16,50 €	– + i
P4333-100ML	100 ML	Disponible pour expédition le 10 octobre 2022	Détails... 30,60 €	– + i

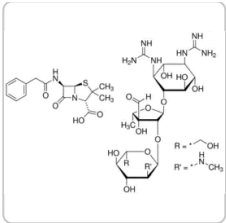
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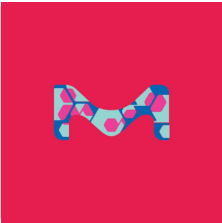
Sigma-Aldrich

P0781

Penicillin-Streptomycin

with 10,000 units penicillin and 10 mg streptomycin per mL in 0.9% NaCl, 0.1 µm filtered, BioReagent, suitable f...

Consulter le prix et la disponibilité



Sigma-Aldrich

A5955

Antibiotic Antimycotic Solution (100×), Stabilized

with 10,000 units penicillin, 10 mg streptomycin and 25 µg amphotericin B per mL, 0.1 µm filtered, BioReagent,...

Consulter le prix et la disponibilité



PROPRIÉTÉS

Niveau de qualité	300
Stérilité	0.1 µm filtered
Gamme de produits	BioReagent
Forme	liquid
Concentration	100 ×
technique(s)	cell culture mammalian: suitable
Impuretés	endotoxin, tested

Gram-negative bacteria

Spectre d'activité de l'antibiotique

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protein synthesis | antibiotics

Expédié(e)s dans	dry ice
Temp. de stockage	-20°C
SMILES string	<chem>CC1(C)S[C@@H]2[C@H](NC(=O)Cc3ccccc3)C(=O)N2[C@H]1C(O)=O.CNC[C@H]4[C@H](O)[C@@H](O)[C@H](CCO)O[C@H]4O[C@H]5[C@@H](O[C@@H](C)C5(O)C=O)O[C@H]6[C@H](O)[C@@H](O)[C@H](NC(N)=N)[C@@H](O)[C@@H]6NC(N)=N</chem>
InChI	1S/C23H43N7O12.C16H18N2O4S/c1-7-23(38,6-32)18(42-19-8(5-28-2)12(33)13(34)9(40-19)3-4-31)20(39-7)41-17-11(30-22(26)27)14(35)10(29-21(24)25)15(36)16(17)37;1-16(2)12(15(21)22)18-13(20)11(14(18)23-16)17-10(19)8-9-6-4-3-5-7-9/h6-20,28,31,33-38H,3-5H2,1-2H3,(H4,24,25,29)(H4,26,27,30);3-7,11-12,14H,8H2,1-2H3,(H,17,19)(H,21,22)/t7-,8-,9-,10+,11-,12-,13-,14+,15-,16+,17+,18-,19-,20-,23+;11-,12+,14-/m01/s1
InChI key	KMOOCZWLFBSQCW-XFOLRDBHSA-N

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

Catégories apparentées
[Antibiotics](#)
DESCRIPTION**Description générale**

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Application

Penicillin-Streptomycin is used to supplement cell culture media to control bacterial contamination. It is recommended for use in cell culture applications at 10 mL/L.

Penicillin streptomycin solution has been used as a supplement in different types of media, including RGC (retinal ganglion cells) culture, α -MEM (minimum essential medium) growth medium, Dulbecco's modified Eagle's medium (DMEM)/nutrient mixture F-12 Ham, DMEM and DMEM/F-12 + GlutaMax.

Composants

This product is formulated to contain 10,000 units penicillin and 10 mg streptomycin/mL solubilized in a proprietary citrate buffer.

Autres remarques

20ml, 100ml

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Non Combustible Liquids

PRODUITS APPARENTÉS

Recommandé(E)(S)

CLS3401

Corning® Transwell® polycarbonate membrane cell culture inserts, 12 mm Transwell with 0.4 μ m pore polycarbonate membrane insert, TC-treated, w/ lid, sterile, 48/cs

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Corning® Costar® TC-Treated Multiple Well Plates, size 6 wells, clear, polystyrene plate, flat bottom, case of 50 (individually wrapped), sterile, lid

[View Pricing](#)

CLS2592

Corning® 1 x 8 Stripwell™ 96 well plates, high binding surface, clear

[View Pricing](#)

CLS430641

Corning® cell culture flasks, surface area 75 cm², canted neck, cap (vented)

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de
stockage

12 - Non Combustible Liquids

WGK
WGK 2

Flash Point(F)
Not applicable

Point d'éclair C
Not applicable

DOCUMENTATION

Certificat d'analyse

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Certificat d'origine

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Numéro de lot

e.g. 023J5431

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Sigma-Aldrich

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bicarbonate, without sodium pyruvate, liquid, sterile...

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ARTICLES REVUS PAR DES PAIRS

184: Toxic effects of antibiotics routinely used in cell culture on primary cultures of dissociated mouse brain cells.

Ammon F

Pediatric Research, 10, 900-900 (1976)

Liraglutide, a Glucagon-like Peptide-1 Receptor Agonist, Attenuates Development of Cardiac Allograft Vasculopathy in a Murine Heart Transplant Model.

ZhiMin Wang et al.

Transplantation, 103(3), 502-511 (2018-09-14)

Advances in immunosuppressive therapy have significantly improved short-term but not long-term survival of cardiac transplant recipients; this is largely due to severe cardiac allograft vasculopathy (CAV). Glucagon-like peptide-1 receptor (GLP-1R)-based therapy exerts physiological effects on the cardiovascular system in addition

Neuropilin-1 signaling through p130Cas tyrosine phosphorylation is essential for growth factor-dependent migration of glioma and endothelial cells.

Ian M Evans et al.

Molecular and cellular biology, 31(6), 1174-1185 (2011-01-20)

Neuropilin-1 (NRP1) is a receptor for vascular endothelial growth factor (VEGF) and plays an important role in mediating cell motility. However, the NRP1 signaling pathways important for cell motility are poorly understood. Here we report that p130(Cas) tyrosine phosphorylation is

The MainSTREAM component platform: a holistic approach to microfluidic system design.

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components was tested by constructing various

Effect of penicillin-streptomycin and other antibiotics on melanogenic parameters in cultured B16/F10 melanoma cells.

JH Martínez-Liarte et al.

Pigment cell research, 8(2), 83-88 (1995-04-01)

Penicillin and streptomycin, the most widely used antibiotics in mammalian cell cultures, caused a moderate stimulation in dopa oxidase and tyrosine hydroxylase activities, but a slight inactivation in the dopachrome tautomerase activity of B16/F10 melanoma cells at the routine concentration

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PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

3D Organoid Culture: New In Vitro Models of Development and Disease

Organoid culture products to generate tissue and stem cell derived 3D brain, intestinal, gut, lung and cancer tumor organoid models.

Protocoles

Lentiviral Transduction Protocol

Detailed procedure for how to perform a lentiviral transduction of MISSION shRNA lentiviral particles to achieve a stable long term silencing and phenotypic change.

Protocol Guide: Differentiation of Human Neural Stem Cells using TrueGel3D® HTS Hydrogel Plates

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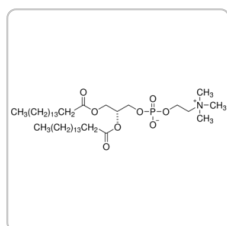


Learn how to culture human adipose mesenchymal stem cells (MSCs) in 3D hydrogels like the TrueGel3D[®] Hydrogel Plate using this step-by-step protocol for high-throughput screening cell culture applications.

Induced Pluripotent Stem Cell Reprogramming Protocols

Stem cell reprogramming protocols to generate human induced pluripotent stem cells (iPSCs) including viral and non-viral RNA based methods.

PRODUITS CONSULTÉS RÉCEMMENT

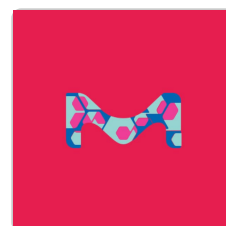


Sigma-Aldrich

P4329

1,2-Dipalmitoyl-*sn*-glycero-3-phosphocholine
≥99% (TLC)

Consulter le prix et la disponibilité



Sigma-Aldrich

P4306

Platelet-Derived Growth Factor-BB human

PDGF-BB, recombinant, expressed in *E. coli*, lyophilized powder, suitable for cell culture

Consulter le prix et la disponibilité

Évaluations

Rédiger une évaluation

Description sommaire de la notation

Sélectionnez une ligne ci-dessous pour filtrer les avis.

5 ★

2

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- 1 ★ 0

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Générale ★★★★★ 5.0

mp114

Boston, MA

Avis 3

Votes 3

★★★★★ · il y a 7 mois

GREAT PRODUCT

Reliable cell culture product that gets frequent use

[Traduire avec Google](#)

Recommande ce produit ☒ Oui

Utile? [Oui · 2](#) [Non · 0](#) [Signaler](#)

1 AVIS AVEC NOTES UNIQUEMENT

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2
avis

0
questions

0
réponses

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