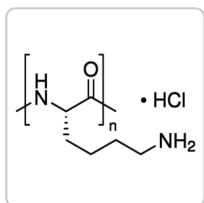


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photos (5)

P2658 ▶ **Sigma-Aldrich.**

Poly-L-lysine hydrochloride

★★★★★ (0)

mol wt 15,000-30,000

Numéro CAS: **26124-78-7**

Numéro MDL: **MFCD00081870**

eCl@ss: 32160406

Documents

↓ **FDS**

🔍 **COO/COA**

📄 **Fiche des caractéristiques**

Plus de documents »

Référence	Conditionnement	Disponibilité		Prix	Quantité
P2658-25MG	25 MG	✓ Only 2 left in stock (more on the way)	Détails...	184,00 €	- +
P2658-100MG	100 MG	✓ Only 1 left in stock (more on the way)	Détails...	562,00 €	- +
P2658-500MG	500 MG	✓ Only 3 left in stock (more on the way)	Détails...	2 210,00 €	- +
P2658-1G	1 G	✓ Date d'expédition estimée le 03 novembre 2022		3 330,00 €	- +

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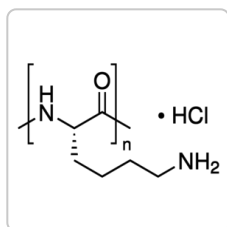
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PRODUITS RECOMMANDÉS



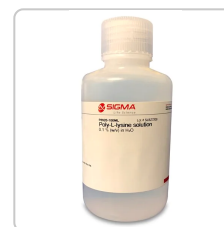
Sigma-Aldrich

P9404

Poly-L-lysine hydrochloride

mol wt >30,000

[Consulter le prix et la disponibilité](#)



Sigma-Aldrich

P8920

Poly-L-lysine solution

0.1 % (w/v) in H₂O

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Forme powder or solid

Niveau de qualité 200

Poids mol. 15,000-30,000

technique(s) cell culture | mammalian: suitable

Couleur white to light yellow

application(s) cell analysis

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**Catégories apparentées****Amino Acids****DESCRIPTION****Application**

Poly-L-lysine hydrochloride has been used to coat glass slides and coverslips to facilitate cell attachment.

Poly-lysine with mol. wt. >70,000 is useful in promoting cell adhesion to solid substrates.

Conditionnement

25, 100, 500 mg in poly bottle

1 g in poly bottle

Actions biochimiques/physiologiques

L-Lysine is believed to prevent osteoporosis of bones, which is a characteristics of vascular calcification. Glutaric aciduria type I and pyridoxine-dependent epilepsy occurs due to lack of L-lysine catabolic pathway. Lysine participates in the regulation of NO (nitric oxide) synthesis. It possesses antiviral activity, therefore it is used in the treatment of Herpes simplex. L-Lysine is associated with a number of biochemical reactions such as acetylation, *O*-linked glycosylation, ubiquitination and protein methylation. Poly-L-lysine is considered as a biocompatible polymer and serves for the purpose of drug delivery across cell membrane. It is useful as one of the nanosized contrast agents in MRI (magnetic resonance imaging).

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[GET YOURS HERE](#)**Autres remarques**

For additional technical information on polyamino acids please visit the [Polyamino acid FAQ resource](#).

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

13 - Non Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves, type N95 (US)

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)

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Certificat d'origine

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Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

Fiche D'informations Produit

Product Information Sheet - P2658

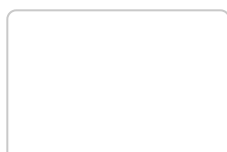
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[Spectra for FT-IR Raman](#)

[Structure Search](#)

[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ

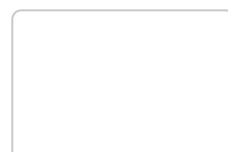


Sigma-Aldrich

P9155

Poly-L-lysine hydrobromide

mol wt 30.000-70.000. Ivophilized powder. v-irradiated.



Sigma-Aldrich

P4707

Poly-L-lysine solution

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ARTICLES REVUS PAR DES PAIRS

Three archetypical classes of macromolecular regulators of protein liquid-liquid phase separation.

Archishman Ghosh et al.

Proceedings of the National Academy of Sciences of the United States of America, 116(39), 19474-19483 (2019-09-12)

Membraneless organelles, corresponding to the droplet phase upon liquid-liquid phase separation (LLPS) of protein or protein-RNA mixtures, mediate myriad cellular functions. Cells use a variety of biochemical signals such as expression level and posttranslational modification to regulate droplet formation and

Factors supporting long-term culture of bovine male germ cells.

Maresh Sahare et al.

Reproduction, fertility, and development, 28(12), 2039-2050 (2015-07-17)

Spermatogonial stem cells (SSCs) are unipotent in nature, but mouse SSCs acquire pluripotency under the appropriate culture conditions. Although culture systems are available for rodent and human germ-cell lines, no proven culture system is yet available for livestock species. Here

The role of signaling pathways on proliferation and self-renewal of cultured bovine primitive germ cells

Sahare Maresh

Reproductive medicine and biology, 14(1) (2015)

Multi-technique characterization of poly-L-lysine dendrigrafts-Cu(II) complexes for biocatalysis.

Rossi JC

Macromolecular Bioscience, 15(2), 275-290 (2015)

Primary culture of neural precursors from the ovine central nervous system (CNS)

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PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

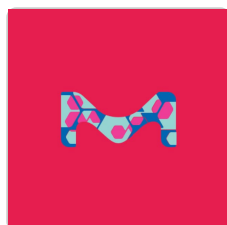
Layer-by-Layer (LbL) Assembly, A "Gentle Yet Flexible" Method Toward Functional Biomaterials

Recently, layer-by-layer (LbL) assembly has emerged as a versatile, gentle and, simple method for immobilization of functional molecules in an easily controllable thin film morphology.^{1,2} In this short review, we introduce recent advances in functional systems fabricated by using the mild, yet...

Poly(Amino Acid) Block Copolymers for Drug Delivery and other Biomedical Applications

Humankind has utilized protein materials throughout its existence, starting with the use of materials such as wool and silk for warmth and protection from the elements and continuing with the use of recombinant DNA techniques to synthesize proteins with unique and useful properties.

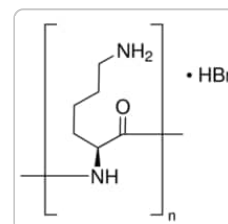
PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

P2645**Protein Kinase A Catalytic Subunit from bovine heart**

≥9 units/μg protein (cyclic-AMP is not required for this activity), lyophilized (white powder to sticky mass to ha...

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

P2636**Poly-L-lysine hydrobromide**

mol wt 30,000-70,000

[Consulter le prix et la disponibilité](#)

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Questions

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