

Poly-L-lysine hydrochloride Biochemical

Poly-L-lysine hydrochloride

CATALOG #
AAA228534

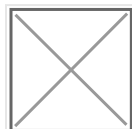
PRODUCT SYNONYMS

Poly-L-lysine hydrochloride; Poly-L-lysine hydrochloride biochemical

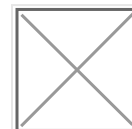
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	26124-78-7
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Poly-L-lysine is a food-grade antimicrobial peptide that forms complexes with proteins. Such complexes are potential carriers for targeted delivery of agents. Electrostatic potential modelling of EPL was employed to describe the interaction affinity. A three-dimensional phase boundary curve was established which divided the complexation into a nano-scale and phase separation[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Testosterone phenylacetate, CAS 5704-03-0



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ADDITIONAL INFORMATION

Related Product Information for Poly-L-lysine hydrochloride biochemical	Poly-L-lysine hydrochloride is a nonspecific attachment factor for cells useful in promoting cell adhesion to solid substrates by enhancing electrostatic interaction between negatively charged ions of the cell membrane and the culture surface. Poly-L-lysine hydrochloride is a strong-attraction regulator that promotes liquid-liquid phase separation (LLPS) at low concentrations but suppresses LLPS at high concentrations. Antibacterial cationic peptide.
References	1. A G LIEBELT, et al. Influence of gonadal hormones and cortisone on spontaneous and methylcholanthrene-induced leukemia in inbred mice. Cancer Res. 1962 Nov;22:1180-7.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/poly-l-lysine-hydrochloride/228534>