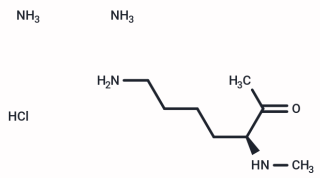
Poly-L-lysine hydrochloride

Cat. No.: **SN-M-LM0240**

Chemical Properties

Product Name	Poly-L-lysine hydrochloride
Cat. No.	SN-M-LM0240
CAS No.	26124-78-7
Molecular Formula	(C6H14N2O2.ClH)x
Molecular Weight	228.77
Appearance	Viscous
Storage	Keep away from moisture,
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	H2O: 45.00 mg/mL (196.70 mM), Sonication and heating are recommended.
Purity	98+%

Structure



Biological Description

Poly-L-lysine hydrochloride plays a key role in promoting cell attachment to solid substrates by enhancing the electrostatic interaction between the negatively charged ions present on the cell membrane and the surface of the culture substrate as a non-specific attachment factor.Poly-L-lysine hydrochloride is a peptide that at low concentrations Due to its cationic peptide nature, Poly-L-lysine hydrochloride is antimicrobially active. These properties make it an important component for enhancing cell adhesion, regulating phase separation kinetics and demonstrating antimicrobial activity.

Related Products / Keywords

- Poly-L-lysine Hydrochloride
- PolyLlysine hydrochloride
- Poly L lysine hydrochloride
- Antibacterial

This product is a research reagent and must not be used for clinical validation or human therapeutic use.