PRODUCT INFORMATION

Uryl-Poly-L-Lysine
Ref: PLURI

Product Description
Form / Colour: lyophilized powder/ white
Molecular weight: ≈ 15 kDa
Uric acid linked ratio: 5-10% by Ultra-Violet spectroscopy.
Uric acid is linked to the amino group of Poly-L-Lysine, as Poly-L-Lysine hydrobromide, using glutaric anhydride as linker, according to published linkage methods (Geffard et al., 2010).
Uryl-Poly-L-Lysine identification is performed by Infra-Red spectroscopy.
According to published data, the conjugation of uric acid to Poly-L-lysine may sustain uric acid in vivo activity (Ali et al., 2004) and should improve uric acid cellular transport (Ryser and Shen, 1978).

Precautions and Disclaimer
For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions
This product is soluble in water (4 to 6 mg/mL).

Storage/Stability
The product is stable for up to 6 months when stored protected from light, at 2-8°C.

References