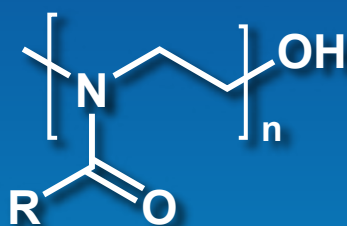


Water-soluble Biocompatible Polymers Poly(2-oxazoline)s



R = CH₃ [P2506]

R = CH₂CH₃ [P2507]

R = (CH₂)₂CH₃ [P2508]

Advantages

- Biocompatible and non-immunogenic pseudo-polypeptide structure
- P2506 is more hydrophilic than poly(ethylene glycol) (PEG).
- P2507 or P2508 transitions to a hydrophobic state in water when heated.

(Low Critical Solution Temperature (LCST): P2507 ca. 65°C, P2508 ca. 25°C)

Applications

Surface Coating with Protein-repellent or Nonfouling Properties

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ULTROXA[®] Poly(2-methyl-2-oxazoline) (n≈approx. 100)

200mg [P2506]

ULTROXA[®] Poly(2-ethyl-2-oxazoline) (n≈approx. 100)

500mg [P2507]

ULTROXA[®] Poly(2-propyl-2-oxazoline) (n≈approx. 100)

200mg [P2508]

ULTROXA[®] is a registered trademark of Avroxa BV.

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