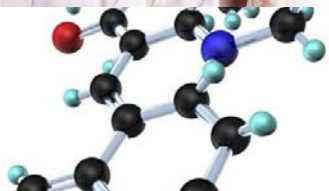


AMINO ACID POLYMERS

For Therapeutic and Biomedical Applications



Imagine a synthetic absorbable polymer derived from natural amino acids with excellent engineering properties, tunable hydrolysis profiles and which upon absorption releases safe and biocompatible molecules and amino acid at the site of action as such in a controlled manner . At Bezwada Biomedical, we not only imagined it, we have made it into a reality.



We are pleased to offer a portfolio of amino acids functionalized with safe and biocompatible molecules such as lactic and glycolic acid for technical evaluation and product development. These functionalized amino acids can be used to prepare absorbable polymers with the potential to answer unmet customer needs.



Key features and benefits of these amino acid polymers include:

- *Amino acid such as tyrosine and lysine are a part of polymer backbone*
- *Completely hydrolysable into safe and biocompatible products and amino acids*
- *Tunable hydrolysis profile*
- *Therapeutic value of amino acid delivered at the site of action in a controlled manner*
- *Excellent engineering properties*

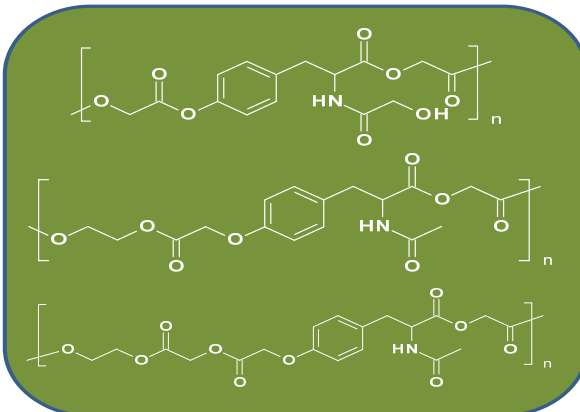
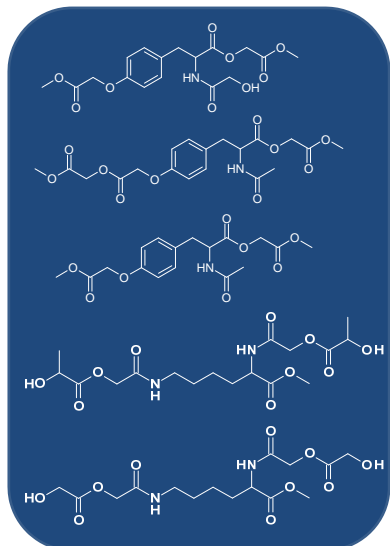
Think Absorbable.

Think Bezwada Biomedical

Functionalized Tyrosine and Lysine monomers

Absorbable polymers from functionalized Tyrosine with varying hydrolysis profiles

Key Applications



- Controlled drug delivery
- Regenerative medicine
- Wound healing
- Medical device (Stent) coatings
- Adhesion prevention
- Tunable release of biologically active agents and antimicrobial compounds

Please contact us for a quotation for your custom synthesis needs

BB Bezwada Biomedical, LLC

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