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13: Biocatalytic Polymerization in Exotic Solvents; 14: Molecular Modeling Approach to Enzymatic Polymerization; 15: Enzymatic Polymer Modification; 16: Enzymatic Polysaccharide Degradation; Index

Sommario/riassunto

Searching for green and environmentally friendly polymerization methods by using enzymes? This first handbook on this hot and essential topic contains the whole chain of knowledge of biocatalysis in polymer chemistry in both a comprehensive and compact form. International leading experts cover all important aspects, from enzymatic monomer synthesis to polymer modification and degradation. While the major focus of the book is on enzymatic polymerizations of the polymer classes reported so far, industrial contributions are also included, making this invaluable reading for biochemists and pol
