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Metabolic Labeling of Glycans; 3.3.4 Metabolic Targeting of Other Biomolecules with Chemical Reporters; 3.4 Summary and Outlook; References

4 Protein and Peptide Conjugation to Polymers and Surfaces Using Oxime Chemistry 4.1 Introduction; 4.2 Protein/Peptide-Polymer Conjugates; 4.3 Immobilization of Proteins and Peptides on Surfaces; 4.4 Conclusions; References; 5 The Role of Click Chemistry in Polymer Synthesis; 5.1 Introduction; 5.2 Polymerization via CuAAC; 5.3 Post-polymerization Modification via Click Chemistry; 5.4 Polymer-Biomacromolecule Conjugation; 5.5 Functional Nanomaterials; 5.6 Summary and Outlook; References; 6 Blocks, Stars and Combs: Complex Macromolecular Architecture Polymers via Click Chemistry 6.1 Introduction 6.2 Block Copolymers; 6.2.1 Preparing Polymers for Click Conjugations; 6.2.2 The Click Reaction: Methodologies and Isolation; 6.2.3 Polymer Characterization; 6.3 Star Polymers; 6.3.1 Star polymers An; 6.3.2 Dendritic Star Polymers; 6.4 Graft Copolymers; 6.4.1 'Grafting-to' Azide Main Chains; 6.4.2 'Grafting-to' Alkyne Main Chains; 6.4.3 Non-CuAAC Routes; 6.5 Concluding Remarks; References; 7 Click Chemistry on Supramolecular Materials; 7.1 Introduction; 7.2 Click Reactions on Rotaxanes, Cyclodextrines and Macrocycles; 7.2.1 Click with Rotaxanes; 7.2.2 Click on Cyclodextrines 7.2.3 Click on Macrocycles 7.3 Click Reactions on DNA; 7.4 Click Reactions on Supramolecular Polymers; 7.5 Click Reactions on Membranes; 7.6 Click Reactions on Dendrimers; 7.7 Click Reactions on Gels and Networks; 7.8 Click Reactions on Self-assembled Monolayers; References; 8 Dendrimer Synthesis and Functionalization by Click Chemistry for Biomedical Applications; 8.1 Introduction; 8.2 Dendrimer Synthesis; 8.2.1 Divergent Synthesis; 8.2.2 Convergent Synthesis; 8.3 Dendrimer Functionalization; 8.4 Conclusions and Future Directions; References

9 Reversible Diels-Alder Cycloaddition for the Design of Multifunctional Network Polymers

Sommario/riassunto

Mimicking natural biochemical processes, click chemistry is a modular approach to organic synthesis, joining together small chemical units quickly, efficiently and predictably. In contrast to complex traditional synthesis, click reactions offer high selectivity and yields, near-perfect reliability and exceptional tolerance towards a wide range of functional groups and reaction conditions. These 'spring loaded' reactions are achieved by using a high thermodynamic driving force, and are attracting tremendous attention throughout the chemical community. Originally introduced with the focus on dru
