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Sommario/riassunto

Template-controlled reactions allow the synthesis of complex molecules which would hardly be achievable through classical methods. This handbook offers authoritative information on how noncovalent and covalent templates can be effectively applied to control reaction rates as well as regio- and stereoselectivity. From the concepts of template control such as molecular imprinting, self-replication, and reversible tether-directed remote functionalization, the reader is led to template-based ring-closing reactions, oligomerizations, and multiple functionalizations and their application in the synt
