

1. Record Nr.	UNINA9910144282803321
Titolo	Templated organic synthesis [[electronic resource] /] / edited by Francois Diederich and Peter J. Stang
Pubbl/distr/stampa	Weinheim ; ; Chichester, : Wiley-VCH, c2000
ISBN	1-281-76417-5 9786611764173 3-527-61352-8 3-527-61353-6
Descrizione fisica	1 online resource (432 p.)
Altri autori (Persone)	StangP. J DiederichFrancois
Disciplina	541.35 547.2
Soggetti	Organic compounds - Synthesis Physical organic chemistry Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
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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
