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Titolo	Side reactions in organic synthesis : a guide to successful synthesis design // Florencio Zaragoza Dorwald
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Organic synthesis : general remarks. -- Stereoelectronic effects and reactivity. -- The stability of organic compounds. -- Aliphatic nucleophilic substitutions : problematic electrophiles. -- The alkylation of carbanions. -- The alkylation of heteroatoms. -- The acylation of heteroatoms. -- Palladium-catalyzed C-C bond formation. -- Cyclizations. -- Monofunctionalization of symmetric difunctional substrates.
Sommario/riassunto	Most syntheses in the chemical research laboratory fail and usually require several attempts before proceeding satisfactorily. Failed syntheses are not only discouraging and frustrating, but also cost a lot of time and money. Many failures may, however, be avoided by understanding the structure-reactivity relationship of organic compounds. This textbook highlights the competing processes and limitations of the most important reactions used in organic synthesis. By allowing chemists to quickly recognize potential problems this book will help to improve their efficiency and success-rate. A mu