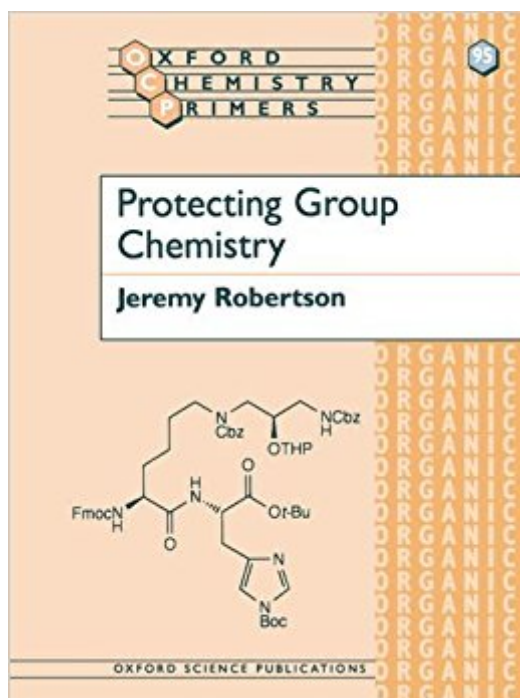


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# Protecting Group Chemistry (Oxford Chemistry Primers)



## Synopsis

Number 95 in the well-known Oxford Chemistry Primer series provides an overview of methods that allow specific sites within an organic molecule to be manipulated without affecting other sites. The book emphasizes the link between the mechanisms of organic chemistry and the choice of specific protecting groups that block chemical reactivity at those sites that must remain unaffected. The treatment differs from traditional texts in that it places the emphasis on making a connection between the fundamental mechanisms of organic chemistry - ionization, substitution, addition, elimination, oxidation, and reduction and how a particular protecting group can best be selected in a given situation.

## Book Information

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## Customer Reviews

"This book is another cracker from the Oxford Chemistry Primers stable that again succeeds by breaking the mould of existing books in the area". Education in Chemistry, January 2003.

Jeremy Robertson, M.A. D.Phil., University Lecturer in Organic Chemistry and Fellow of Brasenose College, Oxford.

This is different from Greene's reference book. It is small (100 pages) and less intimidating. It is particularly good for systematic learning of protecting group chemistry since the mechanism-based description is friendly to beginners. The chapters are arranged by deprotection methods: acid-labile,

nucleophile/base-labile, silyl, and redox. A summary of "protecting devices" condenses the protecting group chemistry in one page. Use it to learn the basics and use Greene's to look up specifics.

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