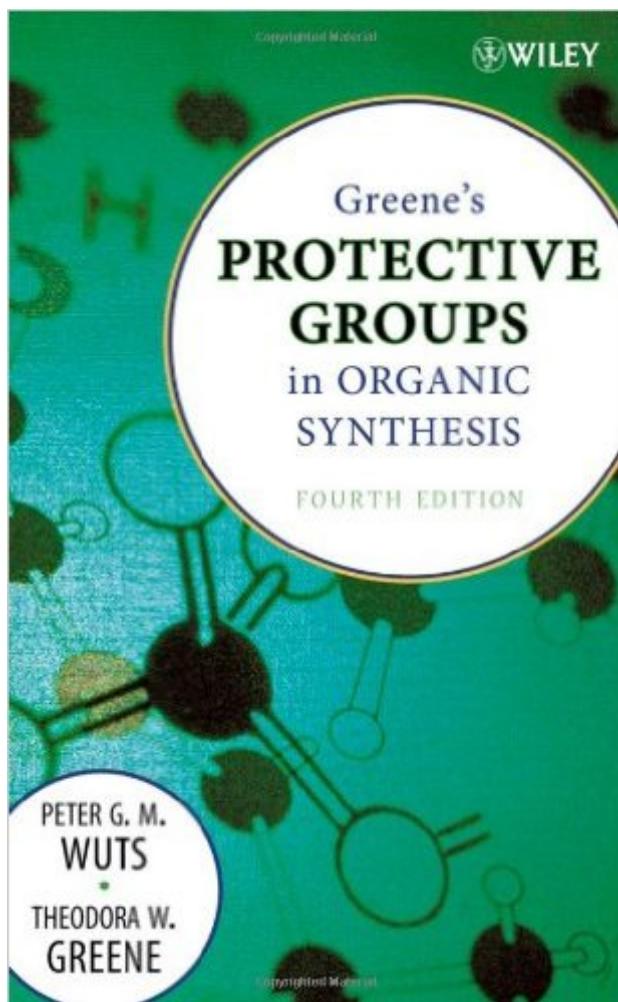


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Greene's Protective Groups In Organic Synthesis



Synopsis

The Fourth Edition of Greene's Protective Groups in Organic Synthesis continues to be an indispensable reference for controlling the reactivity of the most common functional groups during a synthetic sequence. This new edition incorporates the significant developments in the field since publication of the third edition in 1998, including... New protective groups such as the fluorous family and the uniquely removable 2-methoxybenzenesulfonyl group for the protection of amines. New techniques for the formation and cleavage of existing protective groups, with examples to illustrate each new technique. Expanded coverage of the unexpected side reactions that occur with protective groups. New chart covering the selective deprotection of silyl ethers. 3,100 new references from the professional literature. The content is organized around the functional group to be protected, and ranges from the simplest to the most complex and highly specialized protective groups.

Book Information

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Customer Reviews

This book is absolutely essential for the organic chemist. Well organized by functional group to be protected and well indexed to allow searches by protection group, this book has it all. If you have a question about how to protect a particular functional group, this is the book for it. Under each section a plethora of references may be found--with each one succinctly summarized to avoid looking for references that have nothing to do with what you want. This book is essential whether you are a graduate student studying what reactions you need to know to do the research assigned

you or a professor writing research proposals (indeed, I bought my own copy of this book from because the ones in our school library were always checked out to one of the professors). In summary, it is an excellent reference text that should be on every organic chemist's desk.

If you are a graduate student in organic chemistry then this book is a must. It will help with class work as well as your lab work. This book is the authority on protective groups and is an essential reference.

Book was in better condition than I expected. The book lists out basic protection and deprotection chemistry for alcohols, carbonyls, carboxyls, thiols, and amines. Great reference with lots of procedures.

As a trained carbohydrate chemist, I deal with protecting groups on a daily basis, and "Greene's" is always on my desk. Well organized and referenced, I invested in my own copy because I know it will be a useful reference through my career.

Like every other edition of Greene's Protective Groups, this updated version is concise with reliable references and schematics. All researchers need this book.

Quite possibly the most important protecting group book published. The new edition is out and is even more extensive and completely up to date. However, "Greene and Wuts" is a bible in the laboratory. Many of you who will read this have probably scrambled for your copy of "Greene," as it is affectionately known, when designing a synthesis. Also check out Kocienski's protecting group book and his extensive reviews if you do not know about them.

This book contains methods for the installation and removal of practically every protecting group you can think of, and likely some you've never encountered. Most methods are referenced to articles containing representative procedures, saving valuable time scouring the literature. It is compact, well-organized and reasonably priced. Along with March's Advanced Organic Chemistry, this book is a must have for any organic chemist.

The most comprehensive text on protecting groups there is. Much better than "Protecting Groups" by Phillip J. Kocienski

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