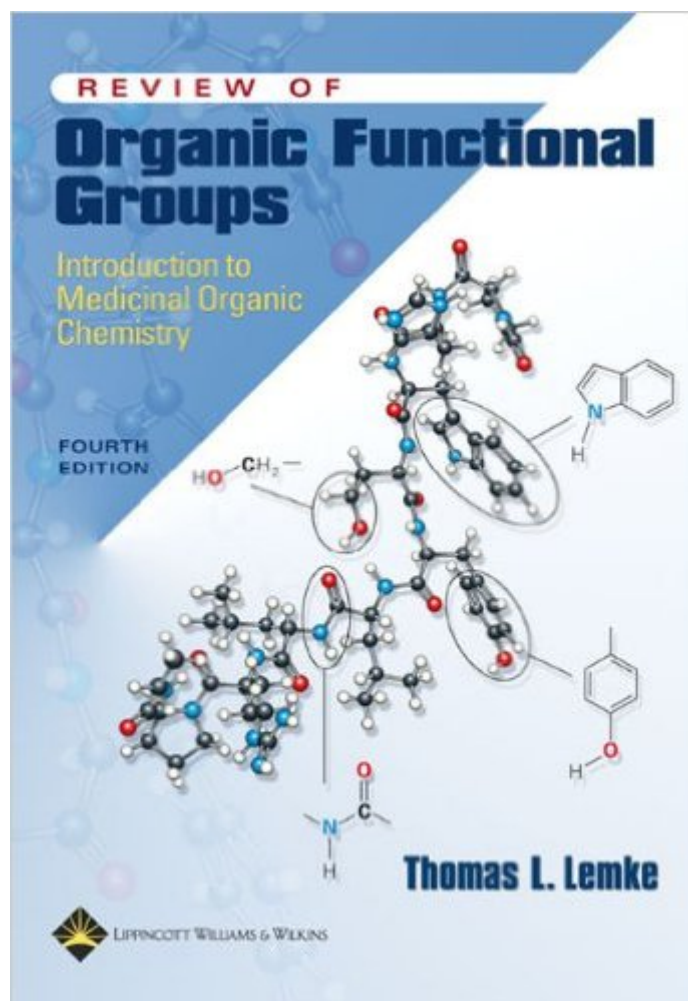


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# Review Of Organic Functional Groups: Introduction To Medicinal Organic Chemistry



## Synopsis

Designed to be used as a self-paced review, this text outlines the functional groups common to organic chemistry, reviewing the general topics of nomenclature, physical and chemical properties, and metabolism. The text provides background material for the formal pharmacy courses in medicinal chemistry, easing the transition from general organic chemistry courses required of all pre-pharmacy students. The Fourth Edition will include a workbook on CD-ROM as well as an index on general drug metabolism. Students who use this text are able to complete difficult tasks such as: drawing a chemical structure or official chemical name; predicting solubility of chemicals in liquids; predicting and showing, with chemical structures, the metabolism of organic functional groups; predicting and showing instabilities, with chemical structures.

## Book Information

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Average Customer Review: 4.1 out of 5 stars [See all reviews](#) (14 customer reviews)

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## Customer Reviews

This book provides an abbreviated review of organic functional groups, with special emphasis on pharmacophores. The review is well organized and concise, and provides a primer (or review) of IUPAC and Chem Abstracts nomenclature. Recommended for anyone from the student studying for an organic final to the medicinal chemistry professional. Excellent reference.

i have been exposed to quite a bit of organic/biochemistry but this book is very well written and serves as a review to these fields as well as a nice introduction to medicinal chemistry. i guess they all kind of blend together anyway but lemke is a fantastic author, well worth the investment.

This book is good if you want a quick read on FGs in Medicinal Chemistry, you can read it in 3 sessions and pick up some concepts here and there, but you will need to look in other places to expand your knowledge more in depth. For that, I would rather save the money and use it towards the purchase of a good medicinal chemistry book, where you will find the same information and more.... don't get me wrong, this book here is perfect if you have to travel or commute to work by bus or train and need some reading, but to learn beyond it, then this is not for you,

I had to purchase this book for a Principles of Drug Action class in pharmacy school. The book is pretty easy to read but very brief on all topics. This makes for a quick read but if you don't understand a topic, you will have to look elsewhere because there is simply not much 'depth' here. Overall a good review if organic is fairly fresh and will probably serve as a good primer but you will need other texts for depth.

This book is fairly easy to understand and a good refresher of functional groups. It helped me prepare for the medicinal chemistry portion of one of my pharmacy classes. I like how it gives examples of common drugs containing important heterocycles. One can also use an old ochem text book instead, but this book is so much lighter and easier to carry around. I read it while snuggled up in bed.

I am currently in pharmacy school and we recently had a class about medicinal chemistry. I have not had organic chemistry or used topics pertaining to in over 2 years. Our instructor recommended this book and the layout is easy to follow and to understand. I wouldn't use this if you are just starting organic chemistry, but more so as a review for further graduate level courses.

I purchased this in order to prepare myself for an medicinal chemistry course, and was able to chew through it slowly in about 2 weeks. I have not had organic chemistry in 3 years, and it was a fantastic source for bringing old knowledge, and some new, to the forefront of my mind.

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