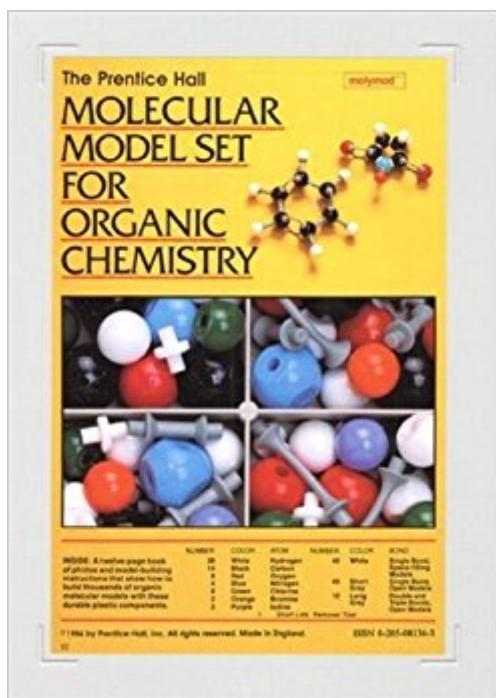


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# Prentice Hall Molecular Model Set For Organic Chemistry



## Synopsis

This kit enables users to build virtually all simple molecules encountered in organic chemistry. Includes space-filling models that simulate the true shape of saturated compounds. Provides open models that form realistic single, double, and triple bonds • even strained rings. Allows smooth rotation of the bonds to make conformational analysis easy. Contains enough components to create several models at once. The components are precision-tooled from quality plastics, are virtually indestructible, and come in a sturdy plastic case for easy storage. Provides a useful Instruction Book • with photos, diagrams, and concise discussions of chemical principles.

## Book Information

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## Customer Reviews

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A bit pricey, but overall a really nice model kit. Its extremely easy to do rotational conformations and

whatnot with this set that I have noticed other students struggle to do on cheap sets. it is a bit difficult to pull the pieces off sometimes but they include a small tool to assist

This is the perfect gift for the organic chemistry student or all around Poindexter in your life. You can build small chain organic molecules. There aren't enough 'carbon' pieces to really make any of the larger biological molecules, and the set could use a few other important atoms. But all in all, it's worth the money. My O-Chem professor recommended this to me. Building molecules with this set is very useful when studying concepts like enantiomers and ring structures. If you're a college student like me, you owe it to your future self to consume every study aid available to you. There are three learning-types, and the American education institution only caters to 1/3 of learners. Or rather 1/3 of the the learning types. This helps if you're more of a hands-on person, especially when trying to understand invisible little molecules.

this model kit was worth every penny. the convenient storage box makes it easy for me to find the parts, however, the parts are a bit stiff and a little hard to push together and pull apart. I purchased my kit new and i am confident the more i use the parts, the easier they will be to manipulate. This kit is very helpful in solving some of those very long and confusing organic chemistry problems. My teacher uses this kit during lectures and also allows us to use the kit during quizzes and exams. I got an A on my first quiz!

Wonderful model kit. It is easy to put together and take apart. The set comes with multiple color spheres so you can build different structures. It also comes with a very useful guide to explain what each piece is and tips when putting models together. I would buy again.

This set saved my life as a chemistry major in undergrad. The Inorganic Model set by Molymod® Molymod MMS-009 Molecular Model 52 Atoms Set for Inorganic & Organic Chemistry, Made in Britain® is also compatible with this one which is great if you ever take any upper level Inorganic chemistry courses

I ordered this kit to get me through my organic chemistry class at the university, and it more than does the job. The model kits that my school provides are the spring type bonds with wooden molecules, not bad at all but this kit has several advantages the others.1) Bonds are easily rotated giving you all the different perspectives in the same molecule2) Molecules such as cyclohexanes

"flip" like a dream allowing you to observe axial and equatorial atomic positions clearly3) The space saving bonds give you another option to look at the molecule without all the clutter of springy bonds- Overall this kit is perfect for pre-med level organic chemistry (not too sure about more advanced classes that Chemistry majors may take) It has plenty of atoms and bonds and holds shape extremely well.- I am constantly being asked where I got it and classmates are always coming to me to observe my models since they are just more clear with this kit.- One of my favorite things to do is put four different color atoms on a carbon using the space saver bonds and bring it to the exams so I can check for chirality by lining up atoms, I find this to be super effective and havent missed a chirality question yet! (Also helps out a ton with R and S enantiomers if you make two) Sure it may cost a few bucks more than something else, but it could help you make the grade. And did I mention, its just fun!

I really only used this my first semester of ochem when it came to models/chairs/boat conformations but it helped so much more with drawing and understanding things like axial and equatorial and understanding why one would favor the other. Sadly, it's EXPENSIVE yet one of the better cases out there. I'm sure with a bit more research it could be found cheaper but I ordered off of because it was faster. My only real cons are removing the bond pieces...it takes muscle. Yes, it does get easier after a while but I had a hard time with it the first few weeks I used the kit. With constant use it gets better. I wish the kit had more carbons, oxygens, and hydrogens for the price. I honestly don't think the price is worth the amount of pieces you get. You get more legos for \$60 than pieces in this kit...yet it's very useful if you can't think in 3D (like me).

Perfect for those who love playing with molecules, studying chemistry. Can be helpful to any student from Elementary school all the way to College.

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