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Organic Molecular Model Kit



Synopsis

Darling Models,® contain various pieces used to build atoms, bonds and molecules.Â These models bring visual representation and hands on learning to the microscopic world of molecules.

Book Information

Misc. Supplies

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Average Customer Review: 3.3 out of 5 starsÂ Â See all reviewsÂ (15 customer reviews)

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Customer Reviews

This product is not what I wanted and needed for my organic chem class. All it shows you is bond angles and a poor example of the orbitals (sp^3 , sp^2 , sp)which is helpful but insignificant. Soon I had to deal with isomers and conformers (molecular movement)and this model is practically immobile. Being able to visualize the concept is important and nearly impossible with this kit. Go for the more expensive ones with lots of pieces and flexible bonds.

I got this for my O-Chem class and proceeded to rarely use it. There are modeling things online that are quicker and easier to use than these. I know they were really helpful to some of my friends, but I found them frustrating and I didn't learn extra from them. If you would rather play with something in your hands than manipulate it online they might be good for you, but maybe share them with a few friends instead of buying one just for yourself.

This product was very helpful, and fit the requirement of what I needed for my Organic Chem class. Even if you are not required to have a model kit, it can be very helpful in viewing all the different structures that need to be learned.

The way the components of this bonds based kit are made make this a very useful tool, but when you open it for the first time it is quite overwhelming. It is really oriented around molecular bonds, and is very powerful if you do not need to see the atoms. I have used the atoms based kit as well and that is probably easier for beginners, who tend to have trouble visualizing. Both kits are fine but this type literally forces you to think about the angles. Although harder to use I found this kit much more valuable once I got used to it.

I just bought this mainly because of the price I figured \$20 compared to \$60. I really should have gone for the \$60 the structural set-up is crap. Does not help to show all types of molecules especially when trying to figure out symmetry for an inorganic class. Go for the quality product that are more expensive.

The kit is useful for bond angles but it's difficult to bend the molecules to visualize chair cyclohexanes or other cyclic molecules that aren't in one plane. The cardboard box also has creases and glue in the wrong places, so the box ends up lopsided and impossible to use.

I bought this product so I could give myself a visual to look at while doing homework, and it has helped alot. The pieces are a little unusual but after you get the hang of it, surely is a great product.

If you are taking Organic Chemistry, this kit will really help you out. You can build pretty much any molecule you'll need for the class. Downside, it only gives you three flexible pieces for ring structures. Thus, when making bicycloalkanes, it can stretch the normal pieces (if you're not careful, they could break). Other than that, it'll suit your needs for most anything.

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