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## Organic chemistry functional groups quiz pdf

February 26, 2019 Leah4sci You think you've mastered your functional group of organic chemistry? Take this short quiz to find out where you stand. If you don't feel 100% ready to return to my organic chemistry functional group video and download functional groups cheat sheet to follow along. See how you did this, then scroll down for solutions at the end of the Functional Group Practice Quiz Part 1: The warming question Identify the functional group in each of the following structures. Choose from these groups: Alkane Alkene Alkyne what the OTHER functional groups are, practice Quiz Part 2 Identify the functional group in each of the following structures. Select from the functional group present in the following molecules. Ibuprofen – anti-inflammatory drug Folic acid – B vitamin amphetamine – the stimulant of the nervous system Penicillin – the usual antibiotic AZT or azidotimidine – used to treat HIV functional groups Practice quiz 4th part – How many isomers can you draw? Tip: remember to calculate the degree of unsaturation / Hydrogen deficiency index Ketones with formula C5H10O Esters with formula C5H8O2 Saturated 8-carbon tertiary amini Ne-amini with formula C4H7N BONUS QUESTION: Can you draw at least 30 isomers for C6H12O? How do you think you did it? Find out: Send me Solutions below to try this level quiz. After selecting the option, the appropriate categories of different levels will be identified. Keep in mind that these categories can be changed under Create your own quiz. Create your own quiz Available Questions:/ Start the quiz By checking each answers. Did you find a mistake? Let us know via the REPORT button at the bottom of the page. Functional groups are groups of atoms that occur within organic molecules and give specific chemical properties to these molecules. When functional groups are shown, the organic molecules formed by chains and/or rings of carbon atoms with occasional replacement of elements such as nitrogen or oxygen. Molecules with other elements in the carbon backbone are replaced by hydrocarbons. Each of the four types of macromolecules – proteins, lipids, carbohydrates and nucleic acids – has its own characteristic set of functional groups that greatly contributes to its different chemical properties and function in living organisms. What are the six main functional groups? Names The six most important functional groups are: Hydroxyl.Carbon Practice1. Classify the compound based on the functional group present.alkanealkenealkynearomatic2. This functional group appears in so much alcoholic group. It's really called:hydroxylho groupoxyholcarboxyl3. Identify the organic class to which the compound belongs.alcoholketonealdehydecarboxylic acidesterhalideetheramine4. Classify the compound based on the functional group present aldehydeketonecarboxylic acidester5. Classify the compound based on the present functional group. The compound based on the functional group present functional group group functional group group group functional group gr group.alkanealkenealkynearomatic8. Identify the organic class to which the compound belongs.aldehydeestercarboxylic acidetherketonehalideaminealcohol9. Identify the organic class to which the compound belongs.aldehydeestercarboxylic acidetherketonehalideaminealcohol9. Identify the organic class to which the compound belongs.aldehydeestercarboxylic acidetherketonehalideaminealcohol9. Identify the organic class to which the compound belongs.aldehydeestercarboxylic acidetherketonehalideaminealcohol9. group.alkanealkenealkynearomatic11. Replace the oxygen of the hydroxyl group with sulfur and you will get this functional group present.aminecarboxylic acidalcoholesterketonealdehydehalideether13. Classify the compound based on the present functional group present. group.alkanealkenealkynearomatic14. Classify the compound based on the present functional group. etheraldehydeketonealcoholaminecarboxylic acidalcoholketonealdehydeesteramineetherhalideFunctional Groups Study: Conditions for LearnFunctional group: double bond functional group: triple bond functional group: -X(halo group)R-OHf Group: -OH(hydroxy group)R-O-Rfunctional group: -OR(alkoxy group)R-O-Rfunctional group: -NH²(amino group)R-SHfunctional group: -SH(mercapto group)R-S-Rfunctional group: -SR(alkythio group)functional group)functional group: -NH²(amino group)R-SHfunctional group: -SH(mercapto group)R-S-Rfunctional group: -SR(alkythio group)functional group: -SH(mercapto group)R-S-Rfunctional group: -SH(mercapto group)R-S-Rfunctional group: -SH(mercapto group)R-S-Rfunctional group: -SR(alkythio group)functional group: -SR(alkythio group)R-S-Rfunctional group: -SH(mercapto group)R-S-Rfunctional group: -SH(mercapto group)R-S-Rfunctional group: -SR(alkythio group)functional group: -SR(alkythio group)R-S-Rfunctional gro group: C=O(carbonyl group)functional group: C=O( website. If you are behind a web filter, make sure that the \*.kastatic.org and \*.kasandbox.org domains are unblocked. 18 Questions | Mirandarohrbough | Updated: 10.09.2020 | Total attempts: 14686 Return to top Identify the organic class to which the compound belongs. alcohol aldehid amine carboxylic acid ether halide ketone alcohol aldehid amine carboxyline acid ether halid ketone alcohol aldehide amine carboxylic acid ether halid ketone alcohol aldehyde amine carboxylic acid ether halid ketone alcohol alcoho amine carboxylic acid ether halide ketone alcohol aldehyde amine carboxylic acid ether halid ketone alcohol aldehyde amine carboxylic acid ether halide ketone alcohol al Random science or chemistry quiz Compare results with friends on all sporcle quizzes. To create a playlist on Sporcle, you must verify the email address you used during registration. Go to Sporcle, Inc. ThoughtCo uses cookies to provide you with a great user experience. Using ThoughtCo, you accept our use of cookies. 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