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This video provides an overview of the stereochemistry of organic compounds and defines what exactly a chiral carbon center is. This video also shows you how to assign R and S configuration to a chirality center whenever the hydrogen (4th group) atom is in the front, back, or neither. It also discusses nomenclature - how to name organic compounds using R and S absolute configuration. It provides a lot of examples and practice problems. Finally, this video discusses how to classify a pair of molecules or compounds as diastereomers, enantiomers, meso compounds, constitutional isomers, same compound, or different compounds, or even cis trans geometric isomers.

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