

## CHAPTER OVERVIEW

### Chapter 4: Covalent Bonding and Simple Molecular Compounds

Ionic bonding results from the transfer of electrons among atoms or groups of atoms. In this chapter, we will consider another type of bonding—covalent bonding. We will examine how atoms share electrons to form these bonds, and we will begin to explore how the resulting compounds, such as cholesterol, are different from ionic compounds.

- [4.1: Prelude to Covalent Bonding and Simple Molecular Compounds](#)
- [4.2: Covalent Bonds](#)
- [4.3: Covalent Compounds - Formulas and Names](#)
- [4.4: Drawing Lewis Structures](#)
- [4.5: Characteristics of Covalent Bonds](#)
- [4.6: Characteristics of Molecules](#)
- [4.7: Organic Chemistry](#)
- [4.E: Covalent Bonding and Simple Molecular Compounds \(Exercises\)](#)
- [4.S: Covalent Bonding and Simple Molecular Compounds \(Summary\)](#)

Template:HideTOC

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