

Molecular Structure

Key Terms & Concepts

antibonding orbital	double bond	pi (π) molecular orbital
bond angle	hybrid orbitals	polar molecules
bond distance	hybridization	sigma (σ) bond
bonding orbital	molecular geometry	sigma (σ) molecular orbital
degenerate orbitals	molecular orbital	triple bond
dipole moment	orbital overlap	valence bond theory
	pi (π) bond	valence-shell electron-pair repulsion theory (VSEPR)