

## 7.2: Hard Soft Acid Base Theory

---

Learning objectives for this unit are to:

- Describe the basic tenets of Hard-Soft Acid-Base (HSAB) theory
  - Classify acids and bases as hard or soft based on HSAB theory
  - Predict whether reactants or products will be favored at equilibrium using HSAB
  - Determine the relative stability of complexes based upon HSAB theory
  - Rationalize solubility data based on HSAB theory
  - Apply HSAB theory to understand bioinorganic systems
- 

7.2: Hard Soft Acid Base Theory is shared under a [not declared](#) license and was authored, remixed, and/or curated by LibreTexts.