

## CHAPTER OVERVIEW

### 10: ORGANOHALIDES

#### LEARNING OBJECTIVES

After you have completed Chapter 10, you should be able to

- fulfill all of the detailed objectives listed under each individual section.
- design a multistep synthesis to prepare a given compound from a given starting material using any of the reactions studied up to this point in the course, including those which involve alkyl halides.
- solve road-map problems requiring a knowledge of any of the reactions or concepts studied up to this point, including those introduced in this chapter.
- define, and use in context, the key terms introduced.

[10.0: Introduction to Organohalides](#)

[10.1: Names and Properties of Alkyl Halides](#)

[10.2: Preparing Alkyl Halides from Alkanes - Radical Halogenation](#)

[10.3: Preparing Alkyl Halides from Alkenes - Allylic Bromination](#)

[10.4: Stability of the Allyl Radical - Resonance Revisited](#)

[10.5: Preparing Alkyl Halides from Alcohols](#)

[10.6: Reactions of Alkyl Halides - Grignard Reagents](#)

[10.7: Organometallic Coupling Reactions](#)

[10.8: Oxidation and Reduction in Organic Chemistry](#)

[10.S: Organohalides \(Summary\)](#)

---

This page titled [10: Organohalides](#) is shared under a [CC BY-SA 4.0](#) license and was authored, remixed, and/or curated by [Steven Farmer & Dietmar Kennepohl](#).