

## CHAPTER OVERVIEW

### 16: Nitriles & Isonitriles

Radical reactions of carbonyl nitriles and isonitriles are not widespread. Isonitrile reactions are rare because these compounds themselves are not common. Their primary reaction is replacement of the isocyano group with a hydrogen atom. Nitriles are more plentiful than isonitriles but less reactive in radical reactions. They typically are involved in radical cyclization. Both nitriles and isonitriles can be synthesized by radical reaction.

[II. Isonitriles](#)

[III. Nitriles](#)

[IV. Summary](#)

---

This page titled [16: Nitriles & Isonitriles](#) is shared under a [All Rights Reserved \(used with permission\)](#) license and was authored, remixed, and/or curated by [Roger W. Binkley and Edith R. Binkley](#).