

CHAPTER OVERVIEW

21: Reactions of Radicals Produced by Electron Transfer to Manganese(III) Acetate & Ammonium Cerium(IV) Nitrate

Manganese(III) acetate and ammonium cerium(IV) nitrate each react with CH-acidic compounds to produce carbon-centered radicals.¹⁻¹² These radicals add preferentially to compounds with electron-rich multiple bonds. The role of a carbohydrate in a reaction of this type is to provide the multiple bond to which addition occurs.

[II. Manganese\(III\) Acetate](#)

[III. Ammonium Cerium\(IV\) Nitrate](#)

[IV. Summary](#)

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