# CHAPTER OVERVIEW

## 15: Azides & Azo Compounds

Radicals are involved in both the synthesis and reactions of carbohydrate azides and, to a much lesser extent, azo compounds. The primary contribution of radicals to azide synthesis is in the formation of 2-azido-2-deoxy sugars by addition of azide radicals to glycals. The principal radical reaction of azides is their conversion to amines by reduction with an organotin hydride, often tri-*n*-butyltin hydride. The most important contribution of azo compounds to radical chemistry is in their role as reaction initiators.

**Topic hierarchy**