

## 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

[II. Azides](#)

[III. Azo Compounds](#)

[IV. Summary](#)

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