Electrophilic Amination of Diorganozinc Reagents Using \(N\)-Hydroxylamine Benzoates

**Significance:** In 2004, Berman and Johnson developed the first electrophilic amination of \(N\)-hydroxylamine benzoates using diorganozinc reagents in the presence of \([\text{Cu(OTf)}]_2 \cdot \text{C}_6\text{H}_6\). This umpolung-type reaction allowed access to a broad range of highly functionalized secondary and tertiary amines under mild conditions.

**Comment:** The outstanding performance of \(N\)-hydroxylamine benzoates as electrophilic nitrogen sources has inspired various following publications, opening up new opportunities for amination reactions. Based on experimental studies, the authors excluded an oxidative addition/reductive elimination pathway and proposed a \(S_N2\)-type pathway. For further insights into electrophilic aminations based on this pioneering work, see: *Synthesis* 2011, 24, 3954–3964.