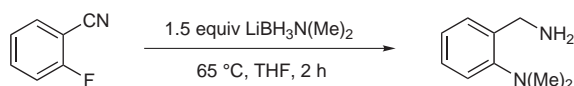
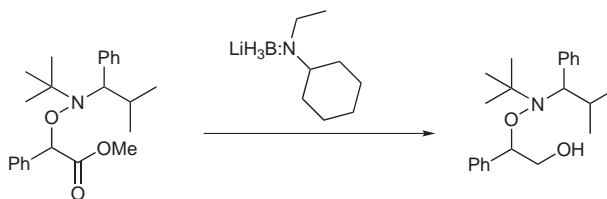


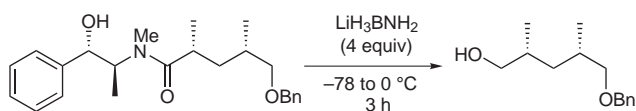
(C) The ability of LAB reagents to function as both reducing agent and amination reagent allows the performance of tandem amination–reduction reactions.⁴



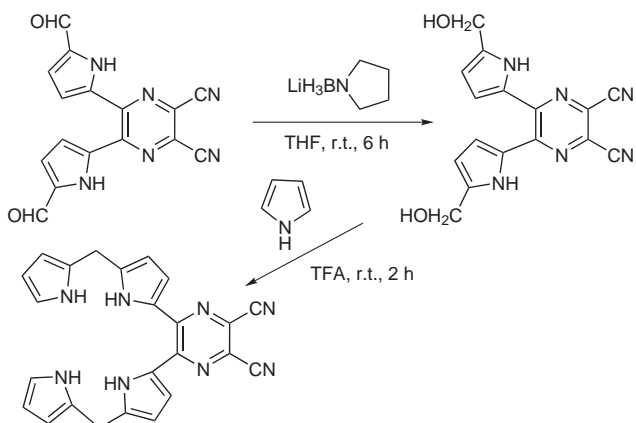
(D) Braslau et al. reported chemoselective reduction of esters using LAB to afford the corresponding *N*-alkoxyamine alcohols, which are used as initiators in ‘living’ free radical polymerizations.⁵



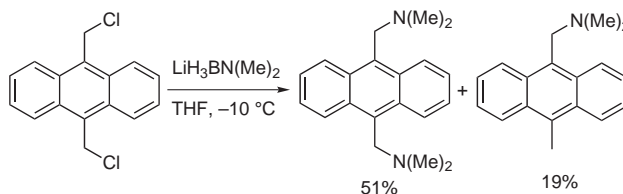
(E) LAB is now widely used for the removal of Evan’s chiral auxiliary and reduction of amides to the corresponding alcohols. Theodorakis and co-workers employed this reaction to reduce an amide to the corresponding alcohol in the total synthesis of borelledin.⁶



(F) Sessler et al. reported the synthesis of a new set of dipyrrolylpyrazines utilizing lithium pyrrolidino borohydride. Pyrazine oligomers are anion receptors for various biologically important anions.⁷



(G) At low temperature, LABs react with halides to afford the corresponding amines.⁸ Lodeiro and co-workers extended this chemistry to the synthesis of a new photoinduced electron-transfer (PET) system.⁹



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