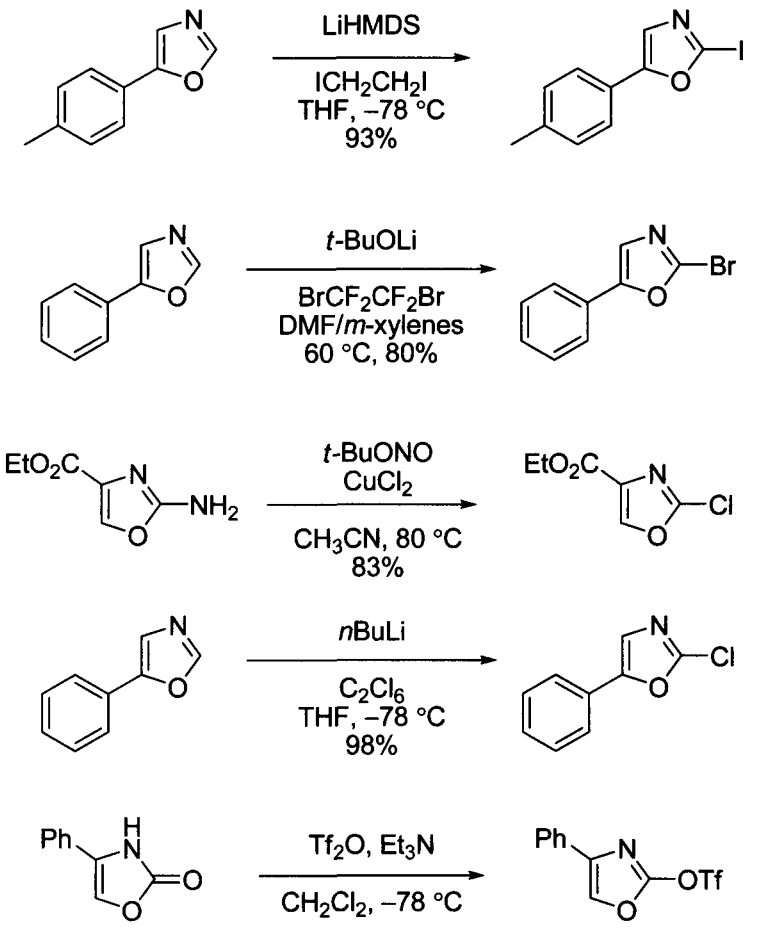

At the C4 position

To prepare 4-iodooxazoles, Vedejs' protocol with DMPU cosolvent allows for efficient synthesis. When DMF is used as the solvent, 2,4-unsubstituted oxazoles can be regioselectively brominated at the 4-position with NBS on kilogram scale.[62] Hunsdiecker reaction of a C4-carboxylic acid also provides the C4 bromide.[59] With a substituted C2 position, Nicolaou and co-workers achieved chlorination of the C4 position using NCS to prepare an intermediate in the partial synthesis of diazonamide A.[63] Similar to C2 trifloyloxazole synthesis, trapping of 4-oxazolones with triflic anhydride yields 4-trifloyloxazoles.[64] These triflates, in contrast to 2- or 5-trifloyloxazoles are stable and can generally be utilized in cross-coupling reactions.