Palladium complex-potassium carbonate-catalyzed reductive carbonylation of mono- and di-nitroaromatic compounds.

Abstract

Mono- and di-nitroarom. compds., e.g., p-MeC6H4NO2, react with CO in benzene contg. MeOH, with catalytic quantities of 1,3-bis(diphenylphosphino)propanepalladium dichloride and K carbonate as the base, to give urethanes, e.g., p-MeC6H4NCO2Me, in reasonable yields.