

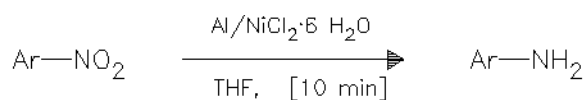
reduction, hydrogenation

O 0220

37 - 086

**A Facile Reduction Procedure for Nitroarenes with Al-NiCl<sub>2</sub>-THF System.**

— The system Al-NiCl<sub>2</sub>·6H<sub>2</sub>O-THF effectively reduces the aromatic nitro compounds (I) to form the corresponding amines in a very fast reaction and under mild conditions. With anhydrous NiCl<sub>2</sub>, no reaction occurs unless water is added. — (SARMAH, P.; BARUA, N. C.; Tetrahedron Lett. 31 (1990) 28, 4065-4066; Div. Nat. Prod. Chem., Reg. Res. Lab. (CSIR), Jorhat-785006, Assam, India; EN)

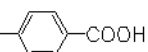


I

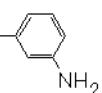
II

a Ar: —Ph

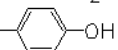
90%

b Ar: 


80%

c Ar: 


79%

d Ar: 

85%

e Ar: 

90%

f Ar: 

80%