

Exercises KJ 5220

November 30, 2009

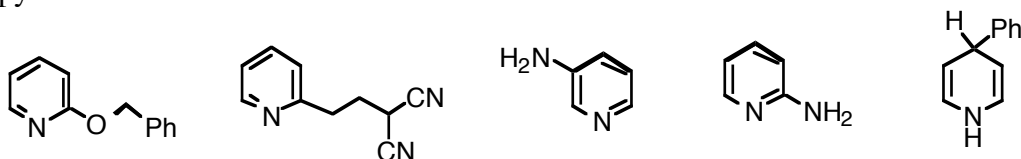
Exercise 7 and 8 from last week (Nov. 23)

1.

Design a synthesis of Reversine from commercially available starting materials

2.

Suggest one- or multi step syntheses of the following compounds starting from pyridine



4.

(a) Show how methyl 4-ethylpyrrol-3-carboxylate can be synthesised from TsMIC.

(b) Show how 3,4-diethylpyrrole can be synthesised from 3-nitro-3-hexene

5

Propose a detailed mechanism for the following reaction

