Name:\_\_\_\_\_

(1) Propose a synthesis route for the products from given starting materials (5 p)

(a)

(b)

$$CI \longrightarrow NH_2 \longrightarrow CI \longrightarrow N$$

(2) Propose a solid phase synthesis route for the following compounds starting from the starting material given (5p)

(b) 
$$O \longrightarrow HO \longrightarrow R_2$$