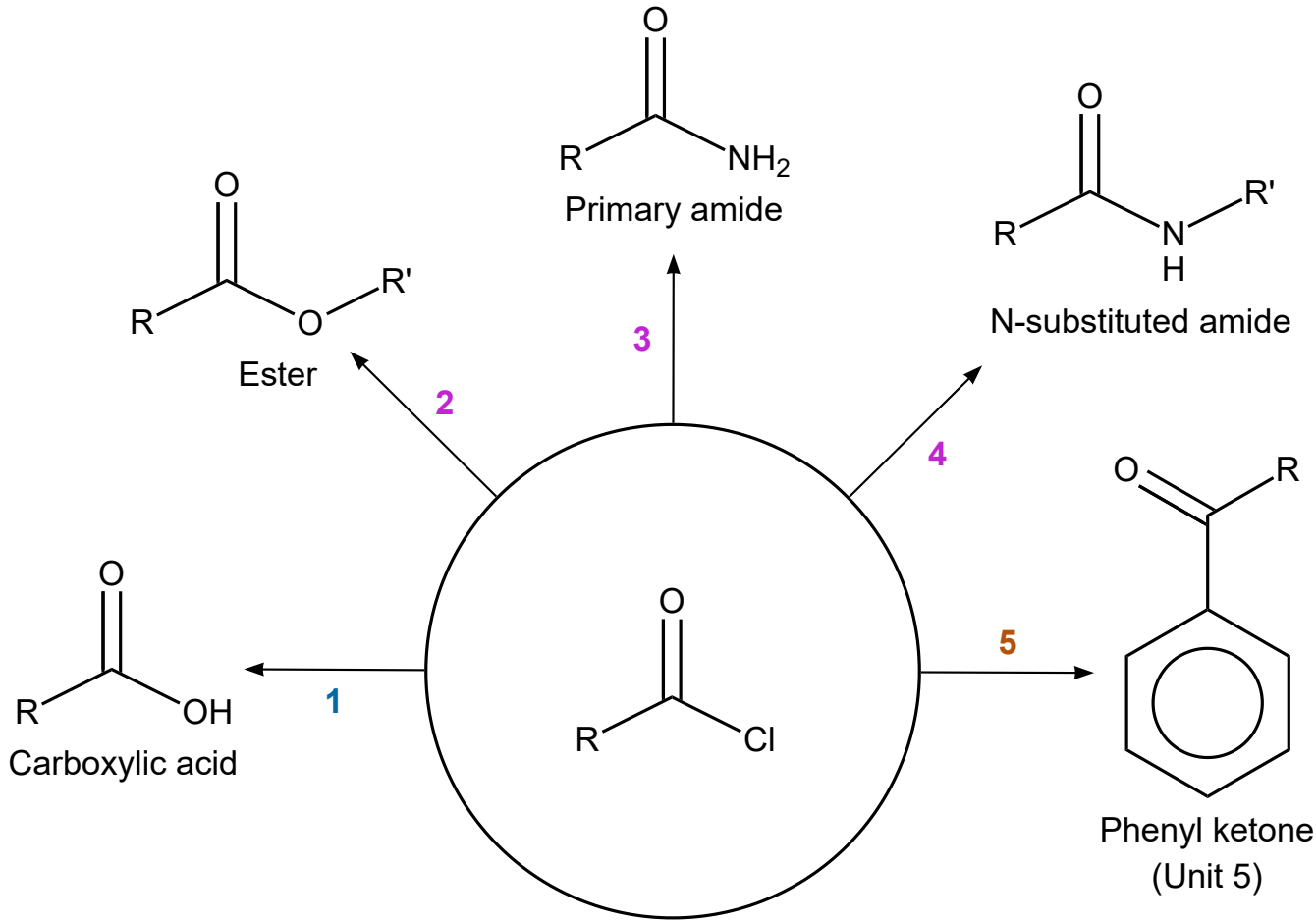
Acyl Chlorides Map

Edexcel International A Level Chemistry · Unit 4 · Topic 15



1 **hydrolysis**: water, room temperature; misty fumes of HCl

2 **addition-elimination**: alcohol, R'OH, room temperature

3 **addition-elimination**: concentrated NH_3, room temperature

4 **addition-elimination**: primary amine, $R'NH_2$, room temperature

5 **substitution (Friedel–Crafts)**: benzene, $AlCl_3$ catalyst, anhydrous, warm (acylation)

Every reaction releases HCl (misty fumes in moist air).
Made from carboxylic acids with PCl_5.

hydrolysis addition-elimination substitution

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