

18.2 ESTERS

Learning outcomes

Candidates should be able to:

1. recall the reaction (reagents and conditions) by which esters can be produced:
(a) the condensation reaction between an alcohol and a carboxylic acid with concentrated H_2SO_4 as a catalyst
2. describe the hydrolysis of esters by dilute acid and by dilute alkali and heat

Introduction

condensation reaction between an alcohol and a carboxylic acid with concentrated H_2SO_4 as a catalyst (studied in alcohols)

hydrolysis of esters by dilute acid and by dilute alkali and heat (studied in alcohols)

***This is not a complete note. It is just to guide you. It is recommended to study prescribed textbooks along with this material. ***