

ESTERIFICATION

Also referred to as a CONDENSATION REACTION, because water is formed.

The reaction is exothermic. Heating in the water bath is make the reaction proceed faster.

Aim: To prepare esters using alcohols and carboxylic acids and to identify the smell of each of the esters formed.



Eusterification Grade 12 Practical Memorandum

Junzo Otera,Joji Nishikido



Esterification Grade 12 Practical Memorandum:

The Paper Industry, 1934 **Esterification** Junzo Otera, 2006-08-21 Here Professor J Otera brings together for the first time the combined knowledge about this elementary yet multifaceted reaction Starting from the methodical basics right up to practical applications this book represents a comprehensive overview of this type of reaction saving readers time consuming research among the literature and not just in practical matters All set to become a standard reference for every organic chemist From the contents METHODOLOGY Reaction of Alcohols with Carboxylic Acids and Their Derivatives Reactions with Carboxylic Acids Reaction with Esters Transesterification Reaction with Acid Anhydrides Reaction with Acid Halides and Related Compounds Conversion of Alcohols to Esters through Carbonylation SYNTHETIC APPLICATIONS Kinetic Resolution Enzymatic Resolution Nonenzymatic Resolution Asymmetric Desymmetrization Deacetylation through Transesterification Selective Esterification Applications to Natural Product Synthesis New Reaction Media Industrial Uses

Esterification Junzo Otera, Joji Nishikido, 2010-01-11 Gathering together the widespread literature in the field this monograph acts as a reference guide to this very important chemical reaction Following an introduction the book goes on to discuss methodology before treating synthetic and industrial applications the latter being a new focus in this completely revised updated and extended second edition A must have for organic natural products and catalytic chemists as well as those working in industry or for lecturers in chemistry

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