



**Organic Chemistry**  
Reactions and Applications  
*Adrian Dingle*

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**Captures the essence of the important and typical organic chemistry content studied at the 16-19 age range, but also goes “beyond the exam” to provide deeper insight.**

The book captures the essence of the important and typical organic chemistry content studied at the 16-19 age range in courses such as A/AS Level (UK), International Baccalaureate (International) and Advanced Placement (USA), but also goes “beyond the exam” to provide a deeper insight into the real world application of the chemistry normally studied at this level.

#### Readership

The academically inclined 16-19 year old student in courses such as A/AS Level (UK), International Baccalaureate (International) and Advanced Placement (USA), and with an interest in the subject matter that goes “beyond the exam”.

#### Contents

Introduction; Nomenclature; Isomerism; Mechanisms; Functional Groups (to include Alkanes, Alkenes & Alkynes, Benzene and Derivatives, Halogen Compounds, Alcohols, Ethers, Aldehydes & Ketones, Acids, Acid Derivatives, and Nitrogen Compounds); Polymers

#### About the Author(s) / Editor(s)

Experienced chemistry educator Adrian Dingle is the creator of the award-winning chemistry web site: [www.adriandingleschemistrypages.com](http://www.adriandingleschemistrypages.com). The focus of his career has been the preparation of students for external, standardized tests with an emphasis on A2/AS levels in the UK, AP and SAT subject tests in the USA and IB in both countries. An Englishman, he has taught in both the United States and England. He now lives in Atlanta, Georgia where he teaches at The Westminster Schools.

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