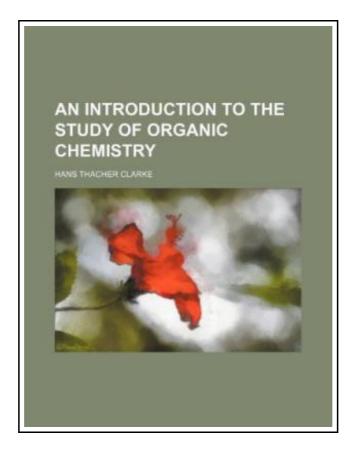
An Introduction to the Study of Organic Chemistry



Filesize: 3.95 MB

Reviews

Complete guideline for ebook lovers. Better then never, though i am quite late in start reading this one. Its been printed in an remarkably simple way in fact it is only right after i finished reading this book through which in fact transformed me, alter the way in my opinion.

(Monserrat Runolfsdottir)

AN INTRODUCTION TO THE STUDY OF ORGANIC CHEMISTRY



Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1914 Excerpt: .of ferric salts, due to the formation of double salts such as 9 KSCN.2 Fe(SCN)8. The thiocyanates are more stable than the cyanates, and remain without decomposition in aqueous solution for an indefinite period. Ammonium thiocyanate NH4.S.C: N is formed on treating a solution of hydrogen cyanide with yellow ammonium sulphide; a more convenient method of preparation is to heat carbon bisulphide with alcoholic ammonia: CS2 + 4NH3 = NH4.S.CN + (NH4)2S. It is a crystalline substance, soluble in water and in alcohol, which melts at about 1500. On heating to 1700-1800 it undergoes an intramolecular rearrangement similar to that of ammonium cyanate, yielding thiocarbamide (p. 183). Alkyl thiocyanates R.S.CIN in which an alkyl radicle replaces the metal, may be prepared by two different methods, which clearly show their constitution: firstly by the action of alkyl halides, or alkyl esters of inorganic salts, such as metallic alkylsulphates RO.SOsOK, upon alkali thiocyanates: C2H5I + K.S.CiN = C2Hs.S.C: N + KI CH, .O.SOsOK + K.S.C-N = CH, .S.C: N + K2SO; secondly by the interaction of cyanogen halides upon metallic mercaptides (p. 210): C2H5SNa + Cl.CN. = C2Hs.S.ON + NaCl. They are oily liquids of unpleasant odour. Their constitution is established by treatment with nascent hydrogen--for instance, with zinc and dilute sulphuric acid--whereby they are decomposed into mercaptans and hydrogen cyanide: C, Hs.S.GN + 2H = C2H5.SH + H.ON. From this it is clear that the alkyl group is directly united to the sulphur atom. On boiling with...



Read An Introduction to the Study of Organic Chemistry Online Download PDF An Introduction to the Study of Organic Chemistry

Other Books



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Download ePub »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Download ePub »



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Download ePub »



A Year Book for Primary Grades; Based on Froebel's Mother Plays

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Download ePub »



A Kindergarten Manual for Jewish Religious Schools; Teacher's Text Book for Use in School and Home

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

Download ePub »