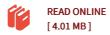




An Introduction to the Study of Organic Chemistry

By Hans Thacher Clarke

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...



Reviews

This book may be really worth a read through, and far better than other. it was actually writtern extremely completely and valuable. I am just very easily will get a satisfaction of looking at a published ebook.

-- Lillie Toy

It is easy in read through easier to fully grasp. it had been writtern very completely and useful. I am pleased to let you know that here is the greatest book we have read during my personal life and could be he very best book for possibly.

-- Miss Marge Jerde