

**APPLICATION OF SOME
GENERAL REACTIONS
TO INVESTIGATIONS
IN ORGANIC CHEMISTRY**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649487295

Application of Some General Reactions to Investigations in Organic Chemistry by Dr. Lassar-Cohn

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

DR. LASSAR-COHN

**APPLICATION OF SOME
GENERAL REACTIONS
TO INVESTIGATIONS
IN ORGANIC CHEMISTRY**

APPLICATION
OF
SOME GENERAL REACTIONS
TO INVESTIGATIONS IN
ORGANIC CHEMISTRY.

BY
DR. LASSAR-COHN,
Professor of Organic Chemistry at the University of Königsberg.

AUTHORIZED TRANSLATION
BY
J. BISHOP TINGLE, Ph.D. (Munich), F.C.S.,
Johns Hopkins University.

FIRST EDITION.

FIRST THOUSAND.

NEW YORK:
JOHN WILEY & SONS.
LONDON: CHAPMAN & HALL, LIMITED.
1904.

Copyright, 1904,
BY
J. BISHOP TINGLE.

ROBERT DRUMMOND, PRINTER, NEW YORK.

TRANSLATOR'S PREFACE.

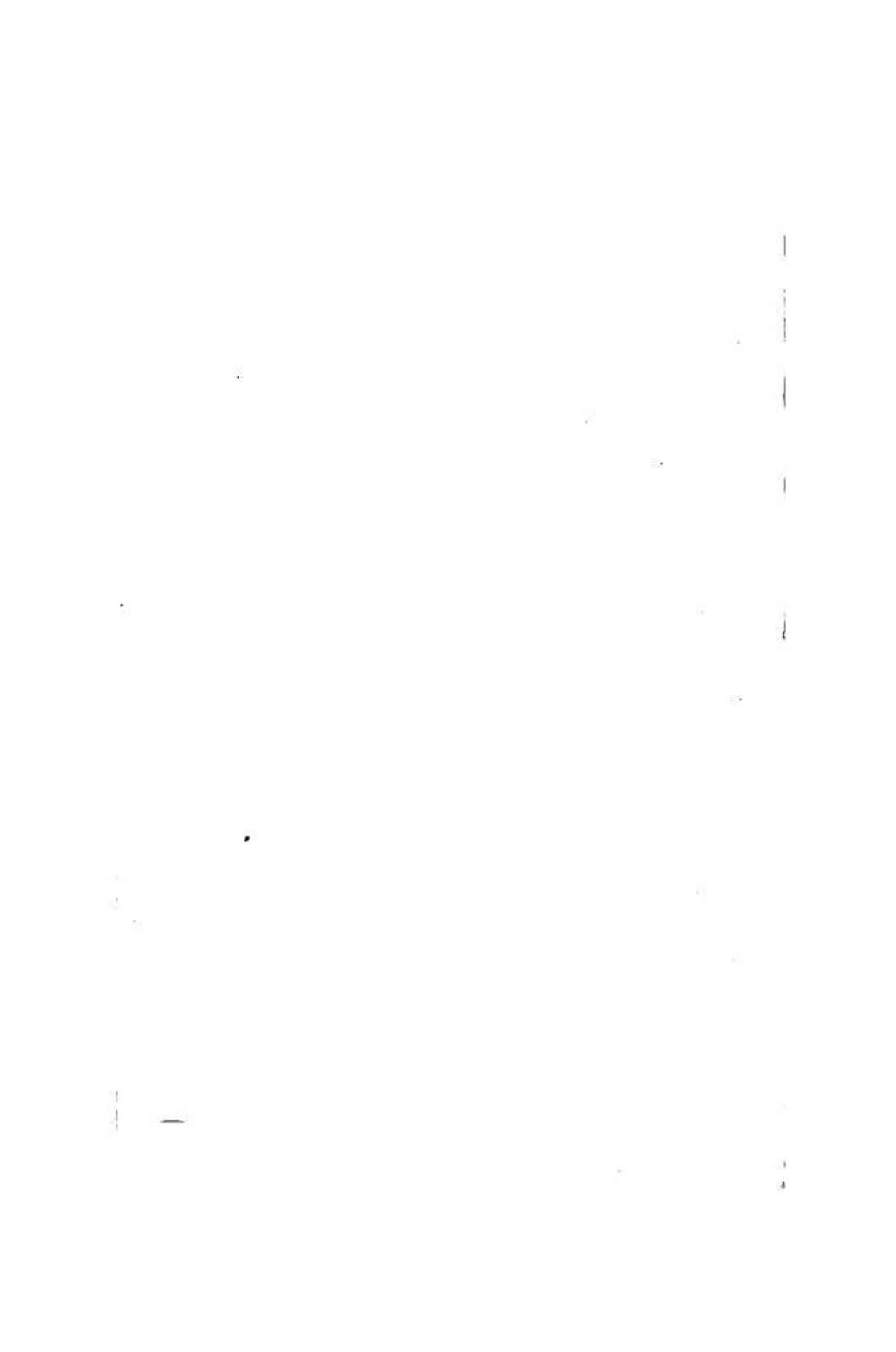
PROBABLY every student of organic chemistry, at some period of his career, becomes more or less overpowered by the immense mass of detail which he encounters, and it is only as he is able to apprehend the fundamental principles and generalizations underlying these facts that he can emerge from the labyrinth. The topics considered in this latest little book of Professor Lassar-Cohn are of considerable importance, and have hitherto failed to receive adequate treatment in other works. It is hoped that the volume may prove useful to students who are threatened with the difficulty mentioned above, and also that it may appeal to teachers and others engaged in research work, both on account of the broad, suggestive discussion of the subjects which it embraces, and also because it includes mention of numerous themes which demand investigation.

J. BISHOP TINGLE.

CHEMICAL LABORATORY,
JOHNS HOPKINS UNIVERSITY,
October 1904.

iii

133920



AUTHOR'S PREFACE.

A SURVEY of the enormous number of investigations which are constantly appearing in the domain of organic chemistry reveals the fact that, although their theoretical portions are based, in the most severely logical fashion, on the tetravalency of the carbon atom, the technique of the research is essentially empirical. An intimate connection with organic investigation, extending over many years, has convinced me of the availability of certain general principles in the practical part of the work; they are partly theoretical, partly practical in their nature, and *their application to the praxis of organic research is capable of affording general help and improvement in an enormously large number of cases.* In this book I have presented all the material bearing on the subject which I have accumulated.

LASSAR-COHN.

KÖNIGSBERG I. PR.,
July 1904.

▼



CONTENTS.

CHAPTER I.	
INTRODUCTORY. FIXATION OF LABILE HYDROGEN ATOMS....	PAGE 1
CHAPTER II.	
MODIFICATION OF REACTIONS.....	23
CHAPTER III.	
IMPROVEMENT IN THE CONDITIONS OF REACTION. OVERSTRAIN OF REACTIONS.....	48
CHAPTER IV.	
INFLUENCE OF NEIGHBORING ATOMS AND ATOMIC COMPLEXES..	76
	vii