

The book was found

# Organic High Pressure Chemistry (Studies In Organic Chemistry)



## Synopsis

High pressure chemistry is usually understood to mean the study of reactions in solutions under pressure. Pressure in this connection is commonly agreed to mean at least a kilobar (or roughly a thousand times atmospheric pressure) and, at most, twenty kilobars (since few solutions have not yet solidified at that pressure). The chapters in this book describe how such pressures shift equilibria and how they affect rates. While it is obvious that the changes are in the direction that represents smaller volume, it is less obvious what factors in molecular structure will promote smaller structure. The purpose of this book is to acquaint potential users of high pressure with these factors. The shifts in solution equilibria and rates that pressure can bring about are far larger than most chemists realise. The reason for this unfamiliarity is that many have unwittingly retained the assumption often made in elementary chemistry courses covering gas phase problems that rate and equilibrium constants are functions of temperature but not of pressure, and that only concentrations matter.

## Book Information

Series: Studies in Organic Chemistry

Hardcover: 502 pages

Publisher: Elsevier Science Ltd; Sunfading to Spine edition (September 1988)

Language: English

ISBN-10: 0444430237

ISBN-13: 978-0444430236

Shipping Weight: 1.7 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,962,154 in Books (See Top 100 in Books) #115 in Books > Science & Math > Chemistry > Nuclear Chemistry #1209 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #2777 in Books > Science & Math > Chemistry > Organic

[Download to continue reading...](#)

Pressure Cooker: 365 Days of Electric Pressure Cooker Recipes (Pressure Cooker, Pressure Cooker Recipes, Pressure Cooker Cookbook, Electric Pressure Cooker ... Instant Pot Pressure Cooker Cookbook) High Blood Pressure Cure: How To Lower Blood Pressure Naturally in 30 Days (Alternative Medicine, Natural Cures, Natural Remedies, High Blood Pressure ... Cures for High Blood Pressure, High BI) Pressure Cooker: Mouthwatering Pressure Cooker Recipes - Granny's Pick Size L Recipes Collections(Pressure Cooking,Pressure Cooker Books,Pressure Cooker

Recipe Book, Pressure Cooker Dump Dinner) Pressure Cooker Cookbook: 3 In 1 Box Set - 310 Mouth-Watering and Healthy Pressure Cooker Recipes for Stove Top and Electric Pressure Cookers (Pressure Cooker, Pressure Cooker Recipes) Cooking Under Pressure -The Ultimate Electric Pressure Recipe Cookbook and Guide for Electric Pressure Cookers.: New 2016 Edition - Now Contains 250 Electric Pressure Cooker Recipes. Pressure Cooker Cookbook: 370 Quick, Easy, and Healthy Pressure Cooker Recipes for Amazingly Tasty and Nourishing Meals (Pressure Cooker, Electric Pressure Cooker Cookbook) PRESSURE COOKER: The Ultimate Cookbook for Easy and Delicious Recipes (Pressure cooker cookbook, pressure cooking, easy meals, soups, electric pressure cooking) Organic High Pressure Chemistry (Studies in Organic Chemistry) Ace Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ketogenic Pressure Cooker Recipes Box Set (3 in 1): Delicious Low Carb Instant Pot Pressure Cooker, Low Carb Donut, Low Carb Muffins Recipes (Instant Pot Pressure Cooker) The Unofficial Power Pressure Cooker XL® Cookbook: Over 120 Incredible Electric Pressure Cooker Recipes For Busy Families (Electric Pressure Cooker Recipes Series) Instant Pot Cookbook: Entry Level: Cooking Healthy and Delicious Food Quick and Easy with a Pressure Cooker (Pressure Cooker Recipes, Electric Pressure Cooker, Slow Cooker, Crock Pot) Cooking Under Pressure Box Set (6 in 1): Easy Pressure Cooker Meals for Busy People (Pressure Cooker Recipes) Electric Pressure Cooker Recipe Box Set: The Ultimate Pressure Cooker Box Set - Includes 4 Pressure Cooker Cookbooks PRESSURE COOKER: Dump Dinners, Clean Eating and My Spiralized Box Set: Over 100 Delicious and Healthy Recipes For You And Your Family (Pressure Cooker, Pressure Cooker Cookbook) Electric pressure cooker: top 40 easy recipes for your health: pressure cooker cookbook, healthy recipes, slow cooker, electric pressure cookbook Blood Pressure Box set: Blood Pressure Solution - How To Lower Your Blood Pressure & Cholesterol Without Medication, Just By Using Natural Remedies and Diet! Blood Pressure Solutions: Blood Pressure: 28 Super-foods that will naturally lower your blood pressure (super foods, Dash diet, low salt, healthy eating) 500 High Fiber Recipes: Fight Diabetes, High Cholesterol, High Blood Pressure, and Irritable Bowel Syndrome with Delicious Meals That Fill You Up and Help You Shed Pounds! Blood Pressure Solution: How To Prevent And Manage High Blood Pressure Using Natural Remedies Without Medication