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Methods in Enzymology

Volume XLVII

Enzyme Structure

Part E

EDITED BY

C. H. W. Hirs

Serge N. Timasheff



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WALTHAM, MASSACHUSETTS

1977



ACADEMIC PRESS New York San Francisco London

A Subsidiary of Harcourt-Brace Jovanovich, Publishers

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ACADEMIC PRESS, INC.

111 Fifth Avenue, New York, New York 10003

United Kingdom Edition published by
ACADEMIC PRESS, INC. (LONDON) LTD.
24/28 Oval Road, London NW1

Library of Congress Cataloging in Publication Data

Main entry under title:

Enzyme structure.

(Methods in enzymology, v. 11, 25-26, 47)

Part B- edited by C. H. W. Hirs and S. N. Timasheff.

Includes bibliographical references.

1. Enzymes—Analysis. I. Hirs, Christophe Henri
Werner, Date ed.

QP601.M49 vol. 11, etc. 547'.758 79-26910

ISBN 0-12-181947-7

PRINTED IN THE UNITED STATES OF AMERICA

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Preface

"Enzyme Structure," the eleventh volume in this series, was published ten years ago. Three supplements, Parts B, C, and D, appeared between 1972 and 1974 and served to update and expand the methodology covered in the original volume. This book, Part E, represents the first of additional supplements and relates directly to the topics previously included in Part B, i.e., those methods primarily chemical in nature. The supplements to follow will relate to the physical-chemical methods previously dealt with in Parts C and D.

This volume retains the organization adopted in Parts A and B, with emphasis on those areas in which substantial development has occurred. In particular, amino acid sequence determination has been given coverage representative of the many advances in this field. The importance of synthetic methods in the investigation of enzyme structure is recognized by the inclusion for the first time in these volumes of extensive articles on peptide synthesis.

We are grateful to the authors for their effective cooperation and for their many suggestions for improving the volume. As before, the staff of Academic Press has provided inestimable help in the assembly of this volume. We thank them for their many courtesies.

C. H. W. HIRS
SERGE N. TIMASHEFF

METHODS IN ENZYMOLOGY

EDITED BY

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- II. Preparation and Assay of Enzymes
- III. Preparation and Assay of Substrates
- IV. Special Techniques for the Enzymologist
- V. Preparation and Assay of Enzymes
- VI. Preparation and Assay of Enzymes (*Continued*)
Preparation and Assay of Substrates
Special Techniques
- VII. Cumulative Subject Index

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Table of Contents

CONTRIBUTORS TO VOLUME XLVII	ix
PREFACE	xii
VOLUMES IN SERIES	xiii

Section I. Amino Acid Analysis

1. Subnanomole-Range Analysis	P. E. HARE	3
2. Improved Ion-Exchange Resins	JAMES R. BENSON	19
3. Internal Standards for Amino Acid Analysis	JAMES F. RIORDAN AND ROGER W. GIESE	31
4. Complete Hydrolysis of Polypeptides with Insolubilized Enzymes	GARFIELD P. ROYER, JAMES F. RIORDAN, AND FREDERICK A. LIBERATORE	40
5. High-Performance Liquid Chromatography of Amino Acid Derivatives	CARL L. ZIMMERMAN AND JOHN J. PISANO	45
6. The Use of Logarithmic Plots of Electrophoretic Mobilities of Peptides	R. E. OFFORD	51

Section II. End Group Methods

7. Carboxypeptidase C	HARALD TSCHESCHE	73
8. Carboxypeptidase Y in Sequence Determination of Peptides	RIKIMARU HAYASHI	84

Section III. Chain Separation

9. Gel Filtration	C. H. W. HIRS	97
-------------------	---------------	----

Section IV. Cleavage of Disulfide Bonds

10. Reductive Cleavage of Cystine Disulfides with Tributylphosphine	URS TH. RÜEGG AND JOSEF RUDINGER	111
11. Alkylation of Cysteine Thiols with 1,3-Propane Sultone	URS TH. RÜEGG AND JOSEF RUDINGER	116
12. Reductive Cleavage of S-Sulfo Groups with Tributylphosphine	URS TH. RÜEGG	123

Section V. Selective Cleavage by Chemical Methods

13. Cleavage at Cysteine after Cyanylation	GEORGE R. STARK	127
14. Cleavage at Asn-Gly Bonds with Hydroxylamine	PAUL BORNSTEIN AND GARY BALIAN	132
15. Cleavage at Aspartyl-Prolyl Bonds	MICHAEL LANDON	145
16. Phthalylation of Amino Groups	J-F. PECHÈRE AND R. BERTRAND	149

17. Reversible Blocking at Arginine by Cyclohexanedione	EMIL L. SMITH	156
---	---------------	-----

Section VI. Selective Cleavage with Enzymes

18. Cleavage at Arginine Residues by Clostripain	WILLIAM M. MITCHELL	165
19. Specific Hydrolysis by Trypsin at Alkaline pH	LEWIS J. GREENE AND DIANA C. BARTELT	170
20. Applications of Thermolysin in Protein Structural Analysis	ROBERT L. HEINRIKSON	175
21. Cleavage at Glutamic Acid with Staphylococcal Protease	GABRIEL R. DRAPEAU	189

Section VII. Separation of Peptides

22. Two-Dimensional Thin-Layer Methods	ROBERT W. GRACY	195
23. Separation of Peptides on Phosphocellulose and Other Cellulose Ion Exchangers	CHRISTOPHER C. Q. CHIN AND FINN WOLD	204
24. Chromatography on Microbore Columns	WERNER MACHLEIDT, JOACHIM OTTO, AND ELMAR WACHTER	210
25. Automated Micro Procedures for Peptide Separations	ALAN C. HERMAN AND THOMAS C. VANAMAN	220
26. Detection of Peptides by Fluorescence Methods	C. Y. LAI	236

Section VIII. Sequence Analysis

27. Microsequence Analysis in Automated Spinning-Cup Sequenators	JACK SILVER	247
28. Peptide Methodology with Braunitzer Reagents	RAYMOND L. BLAKLEY	260
29. New Supports in Solid-Phase Sequencing	WERNER MACHLEIDT AND ELMAR WACHTER	263
30. Coupling Techniques in Solid-Phase Sequencing	RICHARD A. LAURSEN	277
31. Alternative Reagents in Sequential Degradation on Solid-Phase Supports	ALDO PREVIERO	289
32. Solid-Phase Sequencing in Spinning-Cup Sequenators	DENNIS A. POWERS	299
33. High-Sensitivity Sequence Determination of Immobilized Peptides and Proteins	JOHN BRIDGEN	321
34. Improved Manual Sequencing Methods	GEORGE E. TARR	335
35. Solid-Phase COOH-Terminal Sequential Degradation	ANDRE DARBRE	357
36. Regeneration of Amino Acids from Anilinothiazolinones	C. Y. LAI	369
37. Identification of Anilinothiazolinones after Rapid Conversion to N ^α -Phenylthiocarbamylamino Acid Methylamides	JOHN K. INMAN AND ETTORE APPELLA	374
38. Automated Conversion of Anilinothiazolinones into PTH Derivatives	JOHN BRIDGEN	385

39. Analysis of Dipeptides by Gas Chromatography-Mass Spectrometry and Application to Sequencing with Dipeptidyl Aminopeptidases	HENRY C. KRUTZSCH AND JOHN J. PISANO	391
--	---	-----

Section IX. Chemical Modification

40. Novel Sulfhydryl Reagents	GEORGE L. KENYON AND THOMAS W. BRUCE	407
41. Modification of Histidyl Residues in Proteins by Diethylpyrocarbonate	EDITH WILSON MILES	431
42. Modification of Tryptophan to Oxindolyl-alanine by Dimethylsulfoxide-Hydrochloric Acid	WALTER E. SAVIGE AND ANGELO FONTANA	442
43. Interconversion of Methionine and Methionine Sulfoxide	WALTER E. SAVIGE AND ANGELO FONTANA	453
44. Cleavage of the Tryptophanyl Peptide Bond by Dimethylsulfoxide-Hydrobromic Acid	WALTER E. SAVIGE AND ANGELO FONTANA	459
45. Reductive Alkylation of Amino Groups	GARY E. MEANS	469
46. Active-Site-Directed Reagents of Glycolytic Enzymes	FRED C. HARTMAN AND I. LUCILE NORTON	479

Section X. Methods of Peptide Synthesis

47. The Synthesis of Peptides by Homogeneous Solution Procedures	PANAYOTIS G. KATSOYANNIS AND GERALD P. SCHWARTZ	501
48. Solid Phase Peptide Synthesis	MARILYNN S. DOSCHER	578
AUTHOR INDEX		619
SUBJECT INDEX		641

Section I
Amino Acid Analysis

