



## Enzyme Kinetics and Mechanism

By Paul F. Cook, W.W. Cleland

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*Enzyme Kinetics and Mechanism* is a comprehensive textbook on steady-state enzyme kinetics. Organized according to the experimental process, the text covers kinetic mechanism, relative rates of steps along the reaction pathway, and chemical mechanism?including acid-base chemistry and transition state structure.

Practical examples taken from the literature demonstrate theory throughout. The book also features numerous general experimental protocols and how-to explanations for interpreting kinetic data.

Written in clear, accessible language, the book will enable graduate students well-versed in biochemistry to understand and describe data at the fundamental level. Enzymologists and molecular biologists will find the text a useful reference.

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### Editorial Review

Review

"Enzyme Kinetics and Mechanism is an advanced text with meticulous details...[that] gives 'hands on' explanations to the target readership..."

Journal of the Higher Education Academy Physical Sciences Centre, June 2008

About the Author

**Paul F. Cook** is the Grace B. Kerr Centennial Professor of Chemistry and Biochemistry at the University of Oklahoma. His awards and achievements twice included the Alexander von Humboldt Research Fellowship and he was the recipient of the National Institutes of Health Research Career Development Award from 1983 to 1988. Professor Cook is Associate Editor of *Protein and Peptide Letters* and Executive Editor of *Proteins and Proteomics*.

**W.W. Cleland** is the M.J. Johnson Professor and Steenbock Professor of Chemical Science at the Enzyme Institute at University of Wisconsin-Madison. In the early 1960s, Cleland's landmark papers created a theoretical framework for the study of steady-state kinetics of multisubstrate enzymes and laid the foundation for all subsequent steady-state studies. He serves on the editorial boards of *Journal of Biological Chemistry* and of *Biochemistry*. Recognized by many as the "father of modern enzyme kinetics," Professor Cleland was elected to the National Academy of Sciences in 1985.

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The reason? Because this Enzyme Kinetics and Mechanism is an unordinary book that the inside of the guide waiting for you to snap the item but latter it will distress you with the secret it inside. Reading this book next to it was fantastic author who also write the book in such wonderful way makes the content on the inside easier to understand, entertaining method but still convey the meaning entirely. So , it is good for you for not hesitating having this any more or you going to regret it. This phenomenal book will give you a lot of gains than the other book include such as help improving your skill and your critical thinking method. So , still want to hold up having that book? If I were you I will go to the publication store hurriedly.

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