

# Chemical Reagents for Protein Modification

Second Edition

Roger L. Lundblad



CRC Press  
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# Chemical Reagents For Protein Modification

**Roger L. Lundblad**



## **Chemical Reagents For Protein Modification:**

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information on the organic chemistry of the various modification reactions the separation and characterization of site specific modified proteins including applications to proteins separated by electrophoresis followed by blotting the specific chemical cleavage of peptide bonds in proteins the separation of peptides by high performance liquid chromatography and electrophoresis and the use of chemical reagents to assess conformational change in proteins The second section provides an encyclopedic description of reagents and reactions for the site specific modification of individual amino acid residues in proteins The final section presents descriptions of the use of chemical reagents to label biologically significant sites in proteins including enzyme active sites and the use of covalent cross linking to measure protein protein interactions Particular emphasis is placed on the use of photoaffinity reagents The book will be an extremely useful research tool for all investigators interested in the solution chemistry of proteins

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function in the complex class of biological heteropolymers As a result little emphasis is given to the individual consideration of the functional consequence of chemical modification

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*Hormone Action, Part K: Neuroendocrine Peptides* P. Michael Conn, 1989-03-28 Volume 168 of Methods in Enzymology will prove invaluable not only to those in the field but also to those in related disciplines who find their studies becoming closely linked to the neurosciences Methodologies are presented to allow easy adaptation to new systems and to stress their general applicability and potential limitations

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## Decoding **Chemical Reagents For Protein Modification**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Chemical Reagents For Protein Modification**," a mesmerizing literary creation penned with a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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