



## Affinity labeling

/

Jakoby, William B.,

ed. lit

Wilchek, Meir,

ed. lit

Academic Press,

1977

Monografía

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjIwNTI5NTZQ>

**Título:** Affinity labeling edited by William B. Jakoby, Meir Wilchek

**Editorial:** New York [etc.] Academic Press 1977

**Descripción física:** XXVI, 774 p. il. 24 cm

**Mención de serie:** Methods in enzymology 46

**Documento fuente:** Methods in enzymology. ISSN 0076-6879

**Bibliografía:** Incluye referencias bibliográficas. -- Índices p. 719-774

**Contenido:** Affinity labeling—An overview / Finn Wold -- Transition state analogs as potential affinity labeling reagents / Richard Wolfenden -- Mechanism-based irreversible enzyme inhibitors / Robert R Rando -- Syncatalytic enzyme modification: Characteristic features and differentiation from affinity labeling / Walter Birchmeier, Philipp Christen -- Paracatalytic enzyme modification by oxidation of enzyme—substrate carbanion intermediates / Philipp Christen -- Catalytic competence: A direct criterion for affinity labeling / Ernest V Groman, Richard M Schultz, Lewis L Engel -- Differential labeling: A general technique for selective modification of binding sites / Allen T Phillips -- Photoaffinity labeling / Hagan Bayley, Jeremy R Knowles -- Design of exo affinity labeling reagents / Michael Cory, Judith M. Andrews, David H. Bing -- Haloketones as affinity labeling reagents / Fred C Hartman -- Haloacetyl derivatives / Meir Wilchek, David Givol -- Acetylenic irreversible enzyme inhibitors / Robert R Rando -- Organic isothiocyanates as affinity labels / Robert G Langdon -- Photo-cross-linking of protein-nucleic acid complexes / Paul R Schimmel, Gerald P Budzik -- Affinity labeling of multicomponent systems / Arthur E Johnson, Charles R Cantor -- Reaction of serine proteases with halomethyl ketones / James C Powers -- Reaction of serine proteases with aza-amino acid and aza-peptide derivatives / James C Powers, B Frank Gupton -- Active site-directed inhibition with substrates producing carbonium ions: Chymotrypsin / Emil H White, David F Roswell, Ieva R Politzer, Bruce R Branchini -- Peptide aldehydes: Potent inhibitors of serine and cysteine proteases / Robert C Thompson -- Carboxypeptidases A and B / M Sokolovsky -- N-substituted arginine chloromethyl ketones / B Keil -- Renin / Tadashi Inagami, Yasunobu Suketa -- Adenosine derivatives for dehydrogenases and kinases /

Roberta F Colman, Pranab K Pal, James L Wyatt -- Alcohol dehydrogenases / Christoph Woenckhaus, Reinhard Jeck -- Arylazido nucleotide analogs in a photoaffinity approach to receptor site labeling / Richard John Guillory, Stella Jyhlih Jeng -- Aromatic thioethers of purine nucleotides / Hugo Fasold, Franz W Hulla, Franz Ortanderl, Michael Rack -- N<sup>6</sup>-o- and p-Fluorobenzoyladenine 5'-triphosphates / Alexander Hampton, Lewis A Slotin -- 6-Chloropurine ribonucleoside 5'-phosphate / Alexander Hampton -- Carboxylic-phosphoric anhydrides isosteric with adenine nucleotides / Alexander Hampton, Peter J Harper, Takuma Sasaki, Paul Howgate -- Active-site labeling of thymidylate synthetase with 5-fluoro-2'-deoxyuridylate / Yusuke Wataya, Daniel V Santi -- Inert Co (III) complexes as reagents for nucleotide binding sites / Moshe M Werber, Antoine Danchin -- The active site of ribonucleoside diphosphate reductase / Lars Thelander, John Hobbs, Fritz Eckstein -- Adenosine deaminase / Giovanni Ronca, Antonio Lucacchini, Carlo Alfonso Rossi -- Direct photoaffinity labeling with cyclic nucleotides / Ross S Antonoff, Tom Obrig, J.J Ferguson Jr. -- Adenosine 3',5'-cyclic monophosphate binding sites / Boyd E Haley -- 5-Formyl-UTP for DNA-dependent RNA polymerase / Vic Armstrong, Hans Sternbach, Fritz Eckstein -- DNA-dependent RNA polymerase / A.P Kimball -- Staphylococcal nuclease / Pedro Cuatrecasas, Meir Wilchek -- Carbohydrate binding sites / E.W Thomas -- Glucosidases / G Legler -- Glycidol phosphates and 1,2-anhydroxitol 6-phosphates / Edward L O'Connell, Irwin A Rose -- Ribulosebiphosphate carboxylase / I Lucile Norton, Fred C Hartman -- (Sb(B-Galactosidase / Joseph Yariv -- Lysozyme / Yuval Eshdat, Nathan Sharon -- Glutamine binding sites / Lawrence M Pinkus -- Labeling of the active site of l-aspartate (Sb(B-decarboxylase with (Sb(B-chloro-l-alanine / Noel M Relyea, Suresh S Tate, Alton Meister -- Active site of l-asparaginase: Reaction with diazo-4-oxonorvaline / Robert E Handschumacher -- Labeling of serum prealbumin with N-bromoacetyl-l-thyroxine / Sheue-Yann Cheng -- A pyridoxamine phosphate derivative / F Riva, A Giartosio, C Turano -- Labeling of steroid systems / James C Warren, J Robert Mueller -- Irreversible inhibitors of (SE(B5-3-ketosteroid isomerase: Acetylenic and allenic 3-oxo-5,10-secosteroids / F.H Batzold, Ann M Benson, Douglas F Covey, C.H Robinson, Paul Talalay -- Labeling of (SE(B5-3-Ketosteroid isomerase by photoexcited steroid ketones / William F Benisek -- Affinity labeling of antibody combining sites as illustrated by anti-dinitrophenyl antibodies / David Givol, Meir Wilchek -- p-Azobenzene arsonate antibody / Manuel J Ricardo, John J Cebra -- Affinity cross-linking of heavy and light chains / Meir Wilchek, David Givol -- Bivalent affinity labeling haptens in the formation of model immune complexes / Paul H Plotz -- DNP-based diazoketones and azides / Frank F Richards, William H Konigsberg -- Labeling of antilactose antibody / P.V Gopalakrishnan, U.J Zimmerman, Fred Karush -- The ouabain-binding site on (Na<sup>+</sup> + K<sup>+</sup>) adenosinetriphosphatase / Arnold Ruoho, Jack Kyte -- Penicillin isocyanates for (Sb(B-lactamase / Hiroshi Ogawara -- Active site-directed addition of a small group to an enzyme: The ethylation of Luciferin / Emil H White, Bruce R Branchini -- Mandelate racemase / George L Kenyon, George D Hegeman -- Dimethylpyrazole carboxamide and related derivatives / Frank Davidoff, Parlance Reid -- Labeling of catechol-O-methyltransferase with N-haloacetyl derivatives / Ronald T Borchardt, Dhiren R Thakker -- Affinity labeling of binding sites in proteins by sensitized photooxidation / Johnny Brandt -- Bromocolchicine as a label for tubulin / Daphne Atlas, Henri Schmitt -- Affinity labeling of receptors / Nava Zisapel, Mordechai Sokolovsky -- Nicotinic acetylcholine receptors / Arthur Karlin -- (Sb(B-Adrenergic receptors / Daphne Atlas -- Opiate receptors / Brian M Cox -- Amino acid transport proteins / G.I Glover -- The biotin transport system / Edward A Bayer, Meir Wilchek -- Affinity labeling of ribosomal functional sites / Ada Zamir -- Photoaffinity labeling of 23 S RNA in ribosomes / Ludwig Bispink, Heinrich Matthaehi -- Photoaffinity labels for nucleic acids / William E White Jr., K Lemone Yielding -- Identification of GDP binding sites with 4-azidophenyl-GDP / J.A Maassen, W Möller -- Photoactivated GTP analogs / Alexander S Girshovich, Valery A Pozdnyakov, Yuri A Ovchinnikov -- A photoactivated analog of streptomycin / Alexander S Girshovich, Elena S Bochkareva, Yuri A Ovchinnikov -- Haloacylated streptomycin and puromycin analogs / Olaf Pongs, Erwin Reinwald -- Chemically reactive oligonucleotides / Olaf Pongs, Erich Lanka -- Aromatic ketone derivatives of aminoacyl-tRNA as photoaffinity labels for ribosomes / Ernst Kuechler, Andrea Barta -- Photoaffinity-probe-modified tRNA for the analysis of ribosomal binding sites / James Ofengand, Ira Schwartz, Gianni Chinali, Stephen S Hixson, Susan H Hixson -- Analogs of chloramphenicol and their application to labeling ribosomes / N Sonenberg, A Zamir, M Wilchek -- A homologous series of photoreactive peptidyl-tRNAs for probing the ribosomal peptidyltransferase center / N Sonenberg, M Wilchek, A Zamir -- Photoaffinity labeling of ribosomes with the unmodified ligands puromycin and initiation factor 3 / Barry S Cooperman

**ISBN:** 0121819469

**ISSN:** 0076-6879

**Materia:** Proteínas- Marcado por afinidad Bioquímica- Técnicas de laboratorio Enzimas- Análisis Enzimología

**Autores:** Jakoby, William B., ed. lit Wilchek, Meir, ed. lit

---

### **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)