



### Complete List of Publications

Number of publications: > 700

Number of citations: > 34.000

H-Index: 92

|  |  |   |             |     |       |
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| H. Kunz, H. Waldmann                           | 1,3-Dithian-2-yl-methylester als Zweistufenschutzgruppe für die Carboxylfunktion bei der Peptidsynthese  | Angew. Chem.  | <b>1983</b> | 95  | 47    |
| H. Waldmann, H. Kunz                           | Allylester als selektiv abspaltbare Carboxylschutzgruppen in der Peptid- und N-Glycopeptidsynthese   | Liebigs Ann. Chem.  | <b>1983</b> |     | 1712  |
| H. Kunz, H. Waldmann                           | Die Allylgruppe als selektiv abspaltbare Carboxyl- Schutzgruppe zur Synthese empfindlicher O-Glycopeptide  | Angew. Chem.  | <b>1984</b> | 96  | 49    |
| H. Kunz, H. Waldmann                           | Synthesis of the Glycopeptide Partial Sequence A <sup>80</sup> -A <sup>84</sup> of Human Fibroblast Interferon   | Helv. Chim. Acta  | <b>1985</b> | 68  | 283   |
| H. Kunz, H. Waldmann                           | Directed Stereoselective Synthesis of $\alpha$ - and $\beta$ -N-Acetyl-Neuraminic Acid-Galactose Disaccharides Using 2-Chloro- and 2-Fluoro Derivatives of Neuraminic Acid Allyl Ester | J. Chem. Soc. Chem. Commun.                                 | <b>1985</b> |     | 638   |
| H. Kunz, H. Waldmann, C. Unverzagt             | The Allyl Ester as a Temporary Protecting Group for the $\beta$ -Carboxy Function of Aspartic Acid   | Int. J. Peptide Protein Res.                                | <b>1985</b> | 26  | 493   |
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| H. Kunz, H. Waldmann, C. Unverzagt             | Synthesis of Glycopeptides Using the Allyl Ester and the Allyloxycarbonyl Group as Protecting Functions  | Peptides 1986, Ed. D. Theodoropoulos, W. de Gruyter, Berlin | <b>1986</b> |     | 615   |
| M. D. Bednarski, H. Waldmann, G. M. Whitesides | Aldolase-Catalyzed Synthesis of Complex C8 and C9 Monosaccharides  | Tetrahedron Lett.   | <b>1986</b> | 27  | 5807  |
| H. Waldmann, D. Gygax, M. D.                   | The Enzymic Utilization of Sucrose in the Synthesis of Amylose and   | Carbohydr. REs.   | <b>1986</b> | 157 | C4-C7 |



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| Bednarski, W. R.<br>Shangraw, G. M.<br>Whitesides   | Derivatives of Amylose, Using Phosphorylases   |   |             |     |      |
| A. Akiyama, M. D.<br>Bednarski, M.-J. Kim,<br>E. S. Simon, H.<br>Waldmann, G. M.<br>Whitesides                  | Enzymes in Organic Synthesis   | Chem. Brit.   | <b>1987</b> | 23  | 645  |
| H. Waldmann, G. M.<br>Whitesides  | Enzymes in Organic Synthesis   | Ullmanns<br>Encyclopedia of<br>Industrial Chemistry,<br>5th. Ed., Vol A9,<br>Verlag Chemie,<br>Weinheim | <b>1987</b> |     | 341  |
| N. Bischofberger, H.<br>Waldmann, T. Saito,<br>E. S. Simon, W.<br>Lees, M. D.<br>Bednarski, G. M.<br>Whitesides | Synthesis of Analogues of 1,3-Dihydroxyacetone Phosphate and Glyceraldehyde-3- Phosphate for Use in Studies of Fructose-1,6-Diphosphate Aldolase | J. Org. Chem.   | <b>1988</b> | 53  | 3457 |
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| H. Kunz, H.<br>Waldmann, U.<br>Klinkhammer  | The Allyl Ester as Carboxy Protecting Group in the Stereoselective Construction of Neuraminic Acid Galactose                                     | Helv. Chim. Acta  | <b>1988</b> | 71  | 1868 |
| H. Waldmann   | Aminosäuremethylester als chirale Auxiliare in Aza-Diels-Alder-Reaktionen in wässriger Lösung  | Angew. Chemie   | <b>1988</b> | 100 | 307  |
| H. Waldmann   | The Use of Penicillin Acylase for Selective N-Terminal Deprotection in Peptide Synthesis   | Tetrahedron Lett.   | <b>1988</b> | 29  | 1131 |
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| H. Kunz, S. Friedrich-Bochnitschek, H. Waldmann und C. Unverzagt  | The Allyloxycarbonyl (Aloc) Group and Allyl Esters as Protecting Functions in the Synthesis of Peptides and Glycopeptides   | Chemistry of Peptides and Proteins, Vol. 4, S. 119, Attempto Verlag, Tübingen | <b>1989</b> |     |      |
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| S. Friedrich-Bochnitschek, H. Waldmann, H. Kunz   | Allyl Esters as Carboxy Protecting Groups in the Synthesis of O-Glycopeptides   | J. Org. Chem.   | <b>1989</b> | 54  | 751  |
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| H. Waldmann                                  | Enzymatic Protecting Group Techniques  | Kontakte (Merck)  | 1991 | 2 33     |
| H. Waldmann                                  | Aminosäureester als chirale Hilfsgruppen   | GIT Fachzeitschrift für das Laboratorium                | 1991 | 35 593   |
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Indolyethyl-Imines

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Identification of a Small Molecule That  
Enhances Ferroptosis via  
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Inhibition of glucose uptake blocks  
proliferation but not cytotoxic activity of  
NK cells

Ketones as strategic building blocks for  
the synthesis of natural product-  
inspired compounds

Asymmetric Catalysis with Chiral  
Cyclopentadienyl Complexes to  
Access Privileged Scaffolds

IMI European Lead Factory —  
democratizing access to  
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Morphological profiling identifies the  
motor protein Eg5 as cellular target of  
spirooxindoles

Synthetic Matching of Complex  
Monoterpene Indole Alkaloid Chemical  
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Discovery of a Drug-like, Natural  
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A highly enantioselective  
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2023

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