

PUBLICATIONS

Arbeiten als Assistent bei Professor Bohlmann

1. F. Bohlmann, E. Winterfeldt, and H. Brackel, "Lupinen-Alkaloide, XII. Die Konstitution und Konfiguration des Hydroxy-lupanins und des Baptifolins," *Chem. Ber.*, 1958, **91**, 2194.
2. F. Bohlmann, E. Winterfeldt, and D. Schumann, "Lupinen-Alkaloide, XIV. Über die isomeren 3-[Piperidyl-(2)]-chinolizidin-carbonsäure-(1)-ester," *Chem. Ber.*, 1960, **93**, 1948.
3. F. Bohlmann, E. Winterfeldt, and G. Boroschewski, "Lupinen-Alkaloide, XV. Über eine weitere Methode zur oxydativen Ringöffnung in der Spartein-Reihe," *Chem. Ber.*, 1960, **93**, 1953.
4. F. Bohlmann and E. Winterfeldt, "Lupinen-Alkaloide, XVI. Die Konstitution des Angustifolins," *Chem. Ber.*, 1960, **93**, 1956.
5. F. Bohlmann, E. Winterfeldt, O. Schmidt, and W. Reusche, "Lupinen-Alkaloide, XVII. Konfigurationsbestimmung von Hydroxychinolizidin-Abkömmlingen," *Chem. Ber.*, 1961, **94**, 1767.
6. F. Bohlmann, E. Winterfeldt, P. Studt, H. Laurent, G. Boroschewski, and K.-M. Kleine, "Lupinen-Alkaloide, XVIII. Synthese und Konfigurationsbestimmung eines Alkaloids aus *Nuphar japonicum* DC," *Chem. Ber.*, 1961, **94**, 3151.
7. F. Bohlmann, E. Winterfeldt, and G. Boroschewski, "Lupinen-Alkaloide, XIX. Versuche zur Darstellung eines Isomeren Bisdehydrospartein-Salzes," *Chem. Ber.*, 1961, **94**, 3174.
8. F. Bohlmann, E. Winterfeldt, H. Overwien, and H. Pagel, "Lupinen-Alkaloide, XX. Synthese Der Alkaloide Angustifolin, Baptifolin Und Thermopsin," *Chem. Ber.*, 1962, **95**, 944.
9. F. Bohlmann, E. Winterfeldt, D. Schumann, U. Zarnack, and P. Wandrey, "Lupinen-Alkaloide, XXI. Zur Struktur des Retamins," *Chem. Ber.*, 1962, **95**, 2365.
10. F. Bohlmann, E. Winterfeldt, H. Laurent, and W. Ude, "Synthese de DL-Castoramins," *Tetrahedron*, 1963, **19**, 195.
11. F. Bohlmann, E. Winterfeldt, G. Boroschewski, R. Mayer-Mader, and B. Gatscheff, "Lupinenalkaloide, XXIII. Zur Stereochemie der Boranat-Reduktion von Chinolizidin-Immoniumsalsen," *Chem. Ber.*, 1963, **96**, 1972.
12. F. Bohlmann, E. Winterfeldt, and U. Friese, "Lupinen-Alkalodie, XXIV. Notiz Über eine Modellreaktion zur Biogenese der Tetracyclischen Lupinen-Alkaloide," *Chem. Ber.*, 1963, **96**,

2251.

13. F. Bohlmann, E. Winterfeldt, B. Janiak, D. Schumann, and H. Laurent, "Notiz Über Zwei neue Alkaloide aus Lupinenaarten," *Chem. Ber.*, 1963, **96**, 3379.

Eigene Arbeiten

14. E. Winterfeldt, "Strukturaufklärung und Synthese einer Thiophenverbindung aus *Chrysanthemum frutescens* L.," *Chem. Ber.*, 1963, **96**, 3349.
15. E. Winterfeldt, "Additionen an die Dreifachbindung, I. Reaktionen des Propiolsäureesters mit Tertiären Aminen," *Chem. Ber.*, 1964, **97**, 1952.
16. E. Winterfeldt, "Additionen an die Dreifachbindung, II. Die 'Trimerisierung' des Propargylaldehyds," *Chem. Ber.*, 1964, **97**, 1959.
17. E. Winterfeldt, "Reaktionen an Indolderivaten, I. Cyclisierungen in der Indolreihe," *Chem. Ber.*, 1964, **97**, 2463.
18. F. Bohlmann, E. Winterfeldt, D. Schumann, and B. Gatscheff, "Lupinen-Alkaloide, XXVIII. Synthese des Retamins," *Chem. Ber.*, 1965, **98**, 653.
19. E. Winterfeldt, "Additionen an die Dreifachbindung, III: Die Reaktion von Acetylendicarbonsäure-dimethylester mit Dimethylsulfoxid," *Chem. Ber.*, 1965, **98**, 1581.
20. E. Winterfeldt and P. Strehle, "Reaktionen an Indolderivaten, II: Kondensationen mit Brenztraubensäure," *Chem. Ber.*, 1965, **98**, 2579.
21. E. Winterfeldt and H. Preuss, "Die Stereochemie von Additionen an die Dreifachbindung," *Angew. Chem.*, 1965, **77**, 679.
22. E. Winterfeldt, "Additionen an die Dreifachbindung, IV. Cyclisierungen in der Pyridinreihe," *Chem. Ber.*, 1965, **98**, 3537.
23. E. Winterfeldt and H. Preuss, "Additionen an die Dreifachbindung, V. Der Sterische Verlauf von Additionen an die Dreifachbindung," *Chem. Ber.*, 1966, **99**, 450.
24. E. Winterfeldt and H.-J. Dillinger, "Additionen an die Dreifachbindung, VI. Heterocyclen aus Acetylenverbindungen," *Chem. Ber.*, 1966, **99**, 1558.
25. E. Winterfeldt, W. Krohn, and H. Preuss, "Additionen an die Dreifachbindung, VII. Der Sterische Verlauf von Additionen an Dicyanacetylen und Butenin-1.4-dicarbonester," *Chem. Ber.*, 1966, **99**, 2572.

26. E. Winterfeldt, P. Strehlke, and H. Radunz, "Reaktionen an Indolderivaten, III. β -Dicarbonylverbindungen in der Indolreihe," *Chem. Ber.*, 1966, **99**, 3750.
27. E. Winterfeldt and G. Giesler, "Bildung von 5-Methoxy-2,3,4-furantricarbonsäure-trimethylester aus Acetylendicarbonsäure-dimethylester," *Angew. Chem.*, 1966, **78**, 588.
28. E. Winterfeldt, "Additionen an die aktivierte CC-Dreifachbindung (Übersichtsartikel)," *Angew. Chem.*, 1967, **79**, 389.
29. E. Winterfeldt, "Dehydratisierung der β -Acetylglutarsäure," *Angew. Chem.*, 1967, **79**, 148.
30. E. Winterfeldt and H. Radunz, "Reaktionen an Indolderivaten, IV Cycloadditionen mit Dihydronorharman," *Chem. Ber.*, 1967, **100**, 1680.
31. E. Winterfeldt and J.-M. Nelke, "Additionen an die Dreifachbindung, VIII. Struktur und Reaktionen des Adduktes aus Thioharnstoff und Acetylendicarbonester," *Chem. Ber.*, 1967, **100**, 3671.
32. E. Winterfeldt, "Additionen an die Dreifachbindung, IX. Die Addition von Tetramethylthioharnstoff an Acetylendicarbonester," *Chem. Ber.*, 1967, **100**, 3679.
33. E. Winterfeldt and W. Franzischka, "Reaktionen an Indolderivaten, V. Eine neue Umlagerung in der Tetrahydroharman-Reihe," *Chem. Ber.*, 1967, **100**, 3801.
34. E. Winterfeldt and W. Krohn, "Cycloaddition mit Ketoximen," *Angew. Chem.*, 1967, **79**, 722.
35. E. Winterfeldt, "Ionic Additions to the Triple Bond, Kapitel zu Chapters on the Chemistry of Acetylenic Compounds," Herausgegeben von H. G. Viehe, Marcel Dekker, New York, 1969.
36. E. Winterfeldt and J.-M. Nelke, "Die Konfiguration Substituierter Glutaconester," *Chem. Ber.*, 1968, **101**, 2381.
37. E. Winterfeldt and W. Franzischka, "Reaktionen an Indolderivate, VI. Umlagerungen und Cyclisierungen Substituierter Harmanderivate," *Chem. Ber.*, 1968, **101**, 2938.
38. E. Winterfeldt and J.-M. Nelke, "Reaktionen an Indolderivaten, VII. Die Reaktionen von Mucochlorsäure-Derivaten mit Primären und Sekundären Aminen," *Chem. Ber.*, 1968, **101**, 3163.
39. E. Winterfeldt, H. Radunz, and T. Korth, "Reaktionen an Indolderivaten, VIII. Die partiell Stereoselektive Totalsynthese von DL-Akuammigin und DL-Tetrahydroalstonin," *Chem. Ber.*, 1968, **101**, 3172.
40. E. Winterfeldt and H.-J. Altmann, "Photochemische Cyclodehydrierungen in der Indolreihe," *Angew. Chem.*, 1968, **80**, 486.
41. E. Winterfeldt and G. Giesler, "Additionen an die Dreifachbindung, X Die thermische

- Tetramerisierung des Acetylendicarbonsäuredimethylesters," *Chem. Ber.*, 1968, **101**, 4022.
42. E. Winterfeldt, I. Hinz, and P. Strehlke, "Reaktionen an Indolderivaten, X. Michael-Additionen an β -Dicarbonylverbindungen in der Indolreihe," *Chem. Ber.*, 1969, **102**, 310.
43. E. Winterfeldt, D. Schumann, and H. J. Dillinger, "Additionen an die Dreifachbindung, XI. Struktur und Reaktionen des 2:1-Adduktes aus Acetylendicarbonester und Isonitrilen," *Chem. Ber.*, 1969, **102**, 1656.
44. E. Winterfeldt and W. Krohn, "Additionen an die Dreifachbindung, XII. Darstellung des *N*-Oxids eines Basischen Vinylogen Urethans," *Chem. Ber.*, 1969, **102**, 2336.
45. E. Winterfeldt, W. Krohn, and H. U. Stracke, "Additionen an die Dreifachbindung, XIII. Nitron-Addukte mit Acetylendicarbonsäure-dimethylester," *Chem. Ber.*, 1969, **102**, 2346.
46. E. Winterfeldt, A. J. Gaskell, T. Korth, H.-E. Radunz, and M. Walkowiak, "Reaktionen an Indolderivaten, XI. Die stereoselektive Totalsynthese von DL-Ajmalicin, DL-19-*epi*-Ajmalicin, DL-Formosanin und Isoformosanin," *Chem. Ber.*, 1969, **102**, 3558.
47. E. Winterfeldt and J.-M. Nelke, "Reaktionen an Indolderivaten, XII. Indolo-indolizidone aus Mucochlorsäure," *Chem. Ber.*, 1970, **103**, 1174.
48. E. Winterfeldt and J.-M. Nelke, "Additionen an die Dreifachbindung, XIV1). Kondensationen mito-Aminophenylelessigsäure-Derivaten," *Chem. Ber.*, 1970, **103**, 1183.
49. E. Winterfeldt, H. U. Stracke, and G. Schmidt, "Additionen an die Dreifachbindung, XV. Umlagerungen von Isoxazol-Derivaten," *Chem. Ber.*, 1970, **103**, 3196.
50. E. Winterfeldt and H. Riesner, "Aufbau des Yohimbin-Grundgerüstes aus dem Corynanthe-Type," *Synthesis*, 1970, 261.
51. A. J. Gaskell, H. E. Radunz, and W. Winterfeldt, "Untersuchungen an Iminoäthern der Indolreihe," *Tetrahedron*, 1970, **26**, 5353.
52. E. Winterfeldt, "Hetero-Cope-Reaktionen," *Fortschritte der Chemischen Forschung*, 1970, **16**, 75.
53. E. Winterfeldt, "Chinolonderivate durch Autoxydation," *Liebigs Ann. Chem.*, 1971, 23.
54. S. Arora, H. Deymann, R. D. Tiwari, and E. Winterfeldt, "A New Chromone from *Cassia siamea*," *Tetrahedron*, 1971, **27**, 981.
55. E. Winterfeldt, "Notiz zur Bildung von Furochinolinen," *Chem. Ber.*, 1971, **104**, 677.
56. E. Winterfeldt, J.-M. Nelke, and T. Korth, "Reaktionen an Indolderivaten, XV. Die Borhydridreduktion von Bordifluorid- β -Dicarbonylkomplexen," *Chem. Ber.*, 1971, **104**, 802.
57. R. Gericke and E. Winterfeldt, "Additionen an die Dreifachbindung Bildung und Reaktionen des

- tetrameren Acetylendicarbonsäuremethylestern," *Tetrahedron*, 1971, **27**, 4109.
58. E. Winterfeldt and H. Radunz, "A Convenient Route to the Camptothecin Chromophore," *Chem. Commun.*, 1971, 374.
59. E. Winterfeldt, T. Korth, D. Pike, and M. Boch, "Die Biogenetisch Orientierte Totalsynthese von Camptothecin und 7-Chlor-camptothecin," *Angew. Chem.*, 1972, **84**, 265.
60. E. Winterfeldt, "Neuere Aspekte in der Chemie der Indolalkaloide," *Chimia*, 1971, **25**, 12.
61. J. Warneke and E. Winterfeldt, "Reaktionen an Indolderivaten, XVI. Die Autoxydative Indol-Chinolon-Umwandlung eines Camptothecin-Modells," *Chem. Ber.*, 1972, **105**, 2120.
62. M. Boch, T. Korth, J.-M. Nelke, D. Pike, H. Radunz, and E. Winterfeldt, "Reaktionen an Indolderivaten, XVII. Die Biogenetisch Orientierte Totalsynthese von DL-Camptothecin und 7-Chlor-camptothecin," *Chem. Ber.*, 1972, **105**, 2126.
63. R. Gericke and E. Winterfeldt, "Additionen an die Dreifachbindung, XVIII," *Tetrahedron*, 1972, **28**, 1901.
64. S. Blechert, R. Gericke, and E. Winterfeldt, "Additionen an die Dreifachbindung, XIX. Tricyclische Heteroaromaten durch Sigmatrope Umlagerung," *Chem. Ber.*, 1973, **106**, 355.
65. S. Blechert, R. Gericke, and E. Winterfeldt, "Additionen an die Dreifachbindung, XX. Polycyclische Thiophenderivate durch Hetero-Cope-Umlagerung," *Chem. Ber.*, 1973, **106**, 368.
66. H. Riesner and E. Winterfeldt, "Biogenetically Patterned Stereoselective Total Synthesis of Indole Alkaloid, Roxburghine D," *Chem. Commun.*, 1972, 786.
67. H. Rischke, J. D. Wilcock, and E. Winterfeldt, "Reaktionen an Indolderivaten, XIX. Stereoselektive Cyclisierungen in der Indolreihe," *Chem. Ber.*, 1973, **106**, 3106.
68. A. Shafiee and E. Winterfeldt, "Die Totalsynthese des Dihydroangustins," *Synthesis*, 1974, 185.
69. H. J. Dillinger, G. Fengler, D. Schumann, and E. Winterfeldt, "Das Kinetisch Kontrollierte Addukt aus tert. Butylisocyanid und Acetylendicarbonester," *Tetrahedron*, 1974, **30**, 2553.
70. H. J. Dillinger, G. Fengler, D. Schumann, and E. Winterfeldt, "Das Thermodynamisch Kontrollierte Addukt aus tert. Butylisocyanid und Acetylendicarbonester," *Tetrahedron*, 1974, **30**, 2561.
71. A. Shafiee and E. Winterfeldt, "Reaktionen an Indolderivaten, XXI. Die Biogenetisch Orientierte Totalsynthese von Angustidin und Dihydroangustin," *Chem. Ber.*, 1974, **107**, 966.
72. J. D. Wildock and E. Winterfeldt, "Reaktionen an Indolderivaten, XXII. Yohimbanderivate durch Stereoselektive Cyclisierung," *Chem. Ber.*, 1974, **107**, 975.

73. E. Winterfeldt, "Biogenese-orientierte Alkaloidsynthese," *Chimica*, 1974, **28**, Heft 6.
74. D. Thielke, J. Wegener, and E. Winterfeldt, "Stereoselektive Synthese Exocyclischer Trisubstituierter Doppelbindungen," *Angew. Chem.*, 1974, **86**, 646.
75. E. Winterfeldt, "Stereoselektive Totalsynthese von Indolalkaloiden," *Fortschritte der Chemie Organischer Naturstoffe*, 1974, **31**, 469.
76. H. Riesner and E. Winterfeldt, "Reaktionen an Indolderivaten, XXIV. Yohimbonderivate durch Enamin-Cyclisierung," *Chem. Ber.*, 1975, **108**, 243.
77. G. Benz, H. Riesner, and E. Winterfeldt, "Reaktionen an Indolderivaten, XXV. Die Stereoselektive Totalsynthese des Roxburghins D," *Chem. Ber.*, 1975, **108**, 248.
78. D. Thielke, J. Wegener, and E. Winterfeldt, "Reaktionen an Indolderivaten, XXVI. Der Sterische Verlauf der Methylen-Lactam-Umlagerung an Starren Polycyclischen Systemen," *Chem. Ber.*, 1975, **108**, 1791.
79. G. Benz and E. Winterfeldt, "Reaktionen an Indolderivaten, XXVII. Konfigurationszuweisung Angular Substituierter Indolochinolizin-Derivate," *Chem. Ber.*, 1975, **108**, 1803.
80. K. Krohn and E. Winterfeldt, "Reaktionen an Indolderivaten, XXVIII. Alkylierung von Camptothecin-Vorstufen - /ein neuer Weg zum Camptothecin," *Chem. Ber.*, 1975, **108**, 3030.
81. W. Müller, R. Preuß, and E. Winterfeldt, "Ein Einfacher Zugang zu 1,4-Disubstituierten β -Carbolinderivaten. Die Totalsynthese des N^a -Methyl-brevicollins," *Angew. Chem.*, 1975, **87**, 385.
82. E. Winterfeldt, "Applications of Diisobutylaluminum-hydride (DIBAH) and Triisobutylaluminum (TIBA) as Reducing Agents in Organic Synthesis," *Synthesis*, 1975, 617.
83. E. Winterfeldt, "Approaches to Camptothecin Artikel" in *Recent Developments in the Chemistry of Natural Carbon Compounds Vol. VI*, Ungarsche Akademie der Wissenschaften, Budapest, 1975.
84. K. Krohn, H.-W. Ohlendorf, and E. Winterfeldt, "Die Camptothecin-Oxidation," *Chem. Ber.*, 1976, **109**, 1389.
85. H.-W. Ohlendorf, R. Stranghöner, and E. Winterfeldt, "Die Synthese von 7-Acetyoxycamptothecin," *Synthesis*, 1976, 741.
86. G. Rackur, M. Stahl, M. Walkowiak, and E. Winterfeldt, "Die Stereoselektive und Stereospezifische Totalsynthese der Geissoschizin-Isomeren," *Chem. Ber.*, 1976, **109**, 3817.
87. B. Hachmeister, D. Thielke, and E. Winterfeldt, "Stereoselektive Totalsynthesen des Geissoschizins," *Chem. Ber.*, 1976, **109**, 3825.
88. G. Rackur and E. Winterfeldt, "Die Konformation des Geissoschizins," *Chem. Ber.*, 1976, **109**,

3837.

89. V. Osterthun and E. Winterfeldt, "Reaktionen mit 4-Acetoxy-2-cyclopenten-1-on," *Chem. Ber.*, 1977, **110**, 146.
90. W. H. Müller, R. Preuß, and E. Winterfeldt, "Eine Einfache und Biogeneseorientierte Totalsynthese von Brevicollin und Brevicarin," *Chem. Ber.*, 1977, **110**, 2424.
91. V. U. Ahmad, K.-H. Feuerherd, and E. Winterfeldt, "Stereoselektive Cyclisierungen in der Tetrahydro- β -carbolin-Reihe," *Chem. Ber.*, 1977, **110**, 3624.
92. F. Klätte, U. Rosentreter, and E. Winterfeldt, "Einfache Stereoselektive Synthese von Eburnamonin," *Angew. Chem.*, 1977, **89**, 916.
93. J. Müller and E. Winterfeldt, "Die Konfigurationsabhängigkeit der Methylen-Lactam-Umlagerung," *Chem. Ber.*, 1978, **111**, 1540.
94. S. Blechert, K.-E. Fichter, and E. Winterfeldt, "Eine Flexible und Regioselektive Acronycin-Synthese," *Chem. Ber.*, 1978, **111**, 439.
95. E. Baxmann and E. Winterfeldt, "Totalsynthese des 7-Methoxycamptothecins," *Chem. Ber.*, 1978, **111**, 3403.
96. R. Becker, G. Benz, M. Rösner, U. Rosentreter, and E. Winterfeldt, "Stereoselektive Synthese Polycyclischer Cyclopropanderivate in der Indolochinolizin-Reihe," *Chem. Ber.*, 1979, **112**, 1879.
97. H. Hammer, M. Rösner, U. Rosentreter, and E. Winterfeldt, "Dreiringreaktionen in der Indolreihe," *Chem. Ber.*, 1979, **112**, 1889.
98. E. Bölsing, F. Klätte, U. Rosentreter, and E. Winterfeldt, "Stereoselektive Totalsynthese von Eburnamonin, Eburnamin und Eburnamenin," *Chem. Ber.*, 1979, **112**, 1902.
99. W. Benson and E. Winterfeldt, "Ein einfacher Zugang zum Yohimbenon," *Chem. Ber.*, 1979, **112**, 1913.
100. Y. Köksal, V. Osterthun, and E. Winterfeldt, "Stereoselektive Synthese von Cyclopentanonderivaten," *Liebigs Ann. Chem.*, 1979, 1300.
101. W. Benson and E. Winterfeldt, "Thermodynamisch Kontrollierte Stereoselektive Geissoschizin-Synthese," *Angew. Chem.*, 1979, **91**, 921.
102. S. Blechert, K.-E. Fichter, J. Lindner, and E. Winterfeldt, "Cyclisierungen zu 9,11-Disubstituierten Acronycin-Derivaten," *Liebigs Ann. Chem.*, 1980, 503.
103. Y. Köksal, P. Raddatz, and E. Winterfeldt, "Ein neuer Weg zu Brefeldin A," *Angew. Chem.*, 1980, **92**, 486.

104. W. Benson and E. Winterfeldt, "The Stereoselective Total Synthesis of Akagerine," *Heterocycles*, 1981, **15**, 935.
105. P. Raddatz and E. Winterfeldt, "Die Stereospezifität der Brefeldin-A-Cyclisierung," *Angew. Chem.*, 1981, **93**, 281.
106. H. Ernst, B. Hauser, and E. Winterfeldt, "Stereoselektive Synthese Tetracyclischer Methylenlactame," *Chem. Ber.*, 1981, **114**, 1894.
107. H. Ernst, E. Ottow, H. G. Recker, and E. Winterfeldt, "Der sterische Verlauf von Michael-Additionen an α -Methylenlactame," *Chem. Ber.*, 1981, **114**, 1907.
108. M. Mailand and E. Winterfeldt, "Totalsynthese des D-Noreburnamonins," *Chem. Ber.*, 1981, **114**, 1926.
109. E. Bölsing and E. Winterfeldt, "Ein stereoselektiver Zugang zu Isoeburnamonin," *Chem. Ber.*, 1981, **114**, 1932.
110. H. Hammer and E. Winterfeldt, "Aza- und Oxa-Eburnamonine," *Tetrahedron*, 1981, **37**, 3609.
111. M. Harre and E. Winterfeldt, "Stereoselektive Cyclopentanon-Anellierungen," *Chem. Ber.*, 1982, **115**, 1437.
112. M. Harre, P. Raddatz, R. Walenta, and E. Winterfeldt, "4-Oxo-2-cyclopentenylacetat — ein Synthesebaustein," *Angew. Chem.*, 1982, **94**, 496.
113. M. Glanzmann, Ch. Karalai, B. Ostersehl, U. Schön, Ch. Frese, and E. Winterfeldt, "The stereochemistry of spiropiperidine cyclizations," *Tetrahedron*, 1982, **38**, 2805.
114. B. Sarstedt and E. Winterfeldt, "A Simple Synthesis of the Staurosporine Aglycon," *Heterocycles*, 1983, **20**, 469.
115. E. Ottow, H.-G. Recker, and E. Winterfeldt, "Pseudoyohimbanes from Methylene Lactams," *Tetrahedron*, 1983, **39**, 3669.
116. Y. Köksal, P. Raddatz, and E. Winterfeldt, "Die Stereoselektive Synthese von Brefeldin-Vorstufen," *Liebigs Ann. Chem.*, 1984, 450.
117. Y. Köksal, P. Raddatz, and E. Winterfeldt, "Reaktionen mit Acetoxycyclopentenonen, Brefeldin A — Cyclisierungen," *Liebigs Ann. Chem.*, 1984, 462.
118. K.-H. Marx, P. Raddatz, and E. Winterfeldt, "Enantioselektive Wege zum Brefeldin A," *Liebigs Ann. Chem.*, 1984, 474.
119. M. Thielmann and E. Winterfeldt, "Unsaturated β -Lactams," *Heterocycles*, 1984, **22**, 1161.
120. H. Takayama and E. Winterfeldt, "The Stereoselective Total Synthesis of D-Norvincamine,"

Heterocycles, 1984, **22**, 1565.

121. E. Winterfeldt, "Stereoselective and Stereoconvergent Cyclization in Alkaloid Synthesis Chemistry and Biotechnology Active Natural Products," 2nd Int. Conf., Budapest, 1983.
122. P. Flecker, D. Schomburg, P. W. Thies, and E. Winterfeldt, "Seco-Aldehydes from Didrovaltratum," *Tetrahedron*, 1984, **40**, 4843.
123. P. Flecker and E. Winterfeldt, "Indole-Alkaloid Analogues from Didrovaltratum," *Tetrahedron*, 1984, **40**, 4853.
124. D. Schomburg, M. Thielmann, and E. Winterfeldt, "Ansa-Steroids," *Tetrahedron Lett.*, 1985, **26**, 4843.
125. E. Winterfeldt, "Sind Naturstoffe bessere Heilstoffe?," Verlag E. Goltze, Gottingen, 1984, Jahrbuch 1984 der Bs. Wiss. Ges., S. 43.
126. C. Bohlmann, R. Bohlmann, E. Guitian Rivera, C. Vogel, M. D. Manandhar, and E. Winterfeldt, "Enantioselective Totalsynthese von (+)-Geissoschizin und (-)-Geissoschizol," *Liebigs Ann. Chem.*, 1985, 1752.
127. H.-J. Bertram, M. Jansen, K. Peters, A. Meier, and E. Winterfeldt, "An Easy Approach to Bicyclo[6.3.0]undecane Derivatives," *Liebigs Ann. Chem.*, 1986, 456.
128. H.-J. Knölker and E. Winterfeldt, "Stereoselective Routes to Bicyclo[3.3.0]octanones," *Liebigs Ann. Chem.*, 1986, 465.
129. E. Winterfeldt and R. Freund, "Enantioselective Total Synthesis of (19Z)-Geissoschizine and of (16R,19Z)- and (16S,19Z)-Isositsirikine," *Liebigs Ann. Chem.*, 1986, 1262.
130. D. Schomburg, M. Thielmann, and E. Winterfeldt, "Dienes as Chiral Templates," *Tetrahedron Lett.*, 1986, **27**, 5833.
131. K. Hakam, M. Thielmann, Th. Thielmann, and E. Winterfeldt, "An Enantiodivergent Route to both Vincamine Enantiomers," *Tetrahedron*, 1987, **43**, 2035.
132. P. K. Chowdhury, A. Prella, D. Schomburg, M. Thielmann, and E. Winterfeldt, "Ansa-Seco-Steroide," *Liebigs Ann. Chem.*, 1987, 1095.
133. R. Haufe, M. Jansen, K. M. Tobias, E. Winterfeldt, and V. Wray, "Zur Stereoselektivität intramolekularer Cycloadditionen," *Chem. Ber.*, 1987, **120**, 2007.
134. W. Kubler, O. Petrov, E. Winterfeldt, L. Ernst, and D. Schomburg, "A Flexible Hydroazulene Synthesis," *Tetrahedron*, 1988, **44**, 4371.
135. A. Prella and E. Winterfeldt, "From Steroids to Macrolides," *Heterocycles*, 1989, **28**, 333.

136. R. Freund and E. Winterfeldt, "Enantioselective Total Synthesis of the 3 β -Sitsirikines," *Liebigs Ann. Chem.*, 1988, 1007.
137. E. Winterfeldt, "Enantioselective Spiropiperidine Cyclizations," *Bull. Soc. Chim. Belg.*, 1988, **97**, 705.
138. F. Balkenhohl, M. Bohnenpoll, and E. Winterfeldt, "Stereoselective Formation of Prostacyclin Intermediates," *Chem. Ber.*, 1989, **122**, 797.
139. K. Matcheva, M. Beckmann, D. Schomburg, and E. Winterfeldt, "Chiral Cyclopentadienes," *Synthesis*, 1989, 814.
140. P. Washausen, H. Grebe, K. Kieslich, and E. Winterfeldt, "Chiral cyclopentanoid building blocks by asymmetric enzymatic hydrolysis," *Tetrahedron Lett.*, 1989, **30**, 3777.
141. E. Winterfeldt, "Efficient Routes to Pure Enantiomers," *New Aspects of Organic Chemistry I*, 1989, Kodansha Ltd. Tokyo.
142. M. Beckmann, H. Hildebrandt, and E. Winterfeldt, "Pure Enantiomers from Retro-Diels-Alder Processes," *Tetrahedron: Asymmetry*, 1990, **1**, 335.
143. I. Ninomiya, T. Naito, O. Miyata, T. Shinada, E. Winterfeldt, R. Freund, and T. Ishida, "Synthesis of Corynanthe Alkaloids Corynantheine, Hirsuteine, and the Isositsirikines," *Heterocycles*, 1990, **30**, 1031.
144. H. Bauermeister, H. Riechers, D. Schomburg, P. Washausen, and E. Winterfeldt, "A Short and Flexible Enantioselective Synthesis of the Didemnenones," *Angew. Chem., Int. Ed. Engl.*, 1991, **30**, 191.
145. R. Brünjes, U. Tilstam, and E. Winterfeldt, "An Easy Access to (S)- and (R)-Hydroxycyclohexenone," *Chem. Ber.*, 1991, **124**, 1677.
146. H. Grebe, A. Lange, H. Riechers, K. Kieslich, W. Viergutz, P. Washausen, and E. Winterfeldt, "Chirality Transfer in Phase-Transfer Processes: Preparation of Homochiral Substituted Cyclopentenones," *J. Chem. Soc., Perkin Trans 1*, 1991, 2651.
147. P. Holscher, H.-J. Knölker, and E. Winterfeldt, "An Enantioselective Total Synthesis of (+)-Elenoic Acid and the Non-Natural Enantiomers of Tetrahydroalstonine, Aricine, and Reserpine," *Israel J. Chem.*, 1991, **31**, 187.
148. E. Winterfeldt, "Directed Stereoselectivity in Alkaloid Synthesis," *J. Heterocyclic Chem.*, 1992, **92**, 631.
149. F. Balkenhohl, I. Brüning, and E. Winterfeldt, "Stereoselective Synthesis of Acceptor Stabilized

- Prostacyclines," *Synthesis*, 1993, 158.
150. P. Shiqi, G. Min, and E. Winterfeldt, "Synthesis of Enantiomerically Pure Tetrahydro-2-methylharman," *Liebigs Ann. Chem.*, 1993, 137.
151. P. Shiqi, Z. Li, C. Mengshen, and E. Winterfeldt, "Synthesis of Enantiomerically Pure Indoloquinolizidine Derivatives," *Liebigs Ann. Chem.*, 1993, 141.
152. E. Winterfeldt, "Enantiomerically Pure Cyclopentadienes," *Chem. Reviews*, 1993, **93**, 827.
153. B. Wegener, M. Hansen, and E. Winterfeldt, "Kinetic Resolution in Diels-Alder Processes," *Tetrahedron: Asymmetry*, 1993, **4**, 345.
154. E. Winterfeldt, "Ansasteroide: Neues von einem neuartigen Verbindungstyp," *Chimia*, 1993, **47**, 39.
155. A. Mauvais and E. Winterfeldt, "Dienes as Chiral Templates: Easy Access to Pure (2*S*,3*S*,4*R*)-4-Hydroxy-2,3-epoxycyclohex-5-en-1-one," *Tetrahedron*, 1993, **49**, 5817.
156. W. Adam, V. O. Nava Salgado, B. Wegener, and E. Winterfeldt, "Diels-Alder Reaction of Racemic β -Isopropyl- α -methylene- β -lactone with Enantiomerically Pure 5,6,7,7a-Tetrahydro-7a-methyl-1-phenyl-4*H*-indene and Retro Cleavage of the Resulting Spiro- β -lactones: The First Case of a Perfect Topological Resolution," *Chem. Ber.*, 1993, **126**, 1509.
157. A. Kramer, U. Ullmann, and E. Winterfeldt, "A Short Route to Cephalostatin Analogues," *J. Chem. Soc. Perkin Trans. I*, 1993, 2865.
158. E. Winterfeldt, "Steroids and Stereochemistry Stereoselective Synthesis," Ed. Ottow, Schollkopf, Schulz, Springer-Verlag Berlin, Heidelberg, 1994.
159. E. Winterfeldt, "Das Reagenz – 1. Eschenmosers Salz: $H_2C=N^+I$," *J. Prakt. Chem.*, 1994, **336**, 91.
160. J. Brüning, Th. Hache, and E. Winterfeldt, "The First Regioselective Synthesis of a Monosubstituted Staurosporine Precursor," *Synthesis*, 1994, 25.
161. E. Winterfeldt, "Ferdinand Bohlmann (1921-1991) und sein Wissenschaftliches Werk," *Liebigs Ann. Chem.*, 1994, I-XXXIV.
162. P. Rivière, A. Mauvais, and E. Winterfeldt, "Pure Enantiomers from Simple, Symmetric Dienophiles," *Tetrahedron: Asymmetry*, 1994, **5**, 1831.
163. M. Göres and E. Winterfeldt, "Enantiopure Didemnenones via Kinetic Resolution," *J. Chem. Soc. Perkin Trans. I.*, 1994, 3525.
164. A. Lange and E. Winterfeldt, "Ein Effizienter Zugang zu Funktionalisierten Bicyclo[3,2,1]octan-3-on-derivaten," *J. Prakt. Chem.*, 1994, **336**, 269.

165. M. Dockner, Th. Meyer, P. Nemes, M. G. Otten, and E. Winterfeldt, "Enantiopure Indolizidones and Pyrrolizidones from Maleic Imide," *Bull. Soc. Chim. Belg.*, 1994, **103**, 379.
166. M. Beckmann, Th. Meyer, F. Schulz, and E. Winterfeldt, "Face-Selective and *endo*-Selective Cycloadditions with Enantiomerically Pure Cyclopentadienes," *Chem. Ber.*, 1994, **127**, 2505.
167. E. Winterfeldt, "Directed and Predictable Stereoselectivity – Results and Future Goals," *IUPAC, Stereocontrolled Organic Synthesis*, Blackwell Sc. Publ., 1994.
168. E. Winterfeldt, Directed Selectivity – the Synthetic Chemist's Contribution to Efficiency," *S. Afr. J. Chem.*, 1994, **47**, 77.
169. G. Grisci, T. Hahm, G. W. Weaver, and E. Winterfeldt, "Chiral Ligands for Transition Metal Complexation," *Chem. Ber.*, 1995, **128**, 449.
170. P. G. Jones, H. Weinmann and E. Winterfeldt, "Discrimination between Enantiotopic Groups in a Diels-Alder Reaction," *Angew. Chem.*, 1995, **107**, 489; *Angew. Chem. Int. Ed. Engl.*, 1995, **34**, 448.
171. H. Weinmann and E. Winterfeldt, "A Predictable Enantioselective Total – Synthesis of (+)-Clavularin A," *Synthesis*, 1995, 1097.
172. H. Weinmann and E. Winterfeldt, "A Simple Route to Enantiopure Fluorocyclohexenones," *Synthesis*, 1996, 357.
173. C. Borm, D. Meibom, and E. Winterfeldt, "Chiral Discrimination in Cycloaddition Experiments," *J. Chem. Soc., Chem. Commun.*, 1996, 887.
174. M. Drögemüller, R. Jautelat, and E. Winterfeldt, "Gelenkte Synthese Unsymmetrischer Bis-steroidaler Pyrazine und die Ersten Biologisch Aktiven Cephalostatin-Analoga," *Angew. Chem.*, 1996, **108**, 1669; *Angew. Chem. Int. Ed. Engl.*, 1996, **35**, 1572.
175. R. Jautelat, A. Müller-Fahrnow, and E. Winterfeldt, "Photochemistry of Hecogenine Acetate Revisited," *J. Prakt. Chem.*, 1996, **338**, 695.
176. E. Deseke, W. Hoyer, and E. Winterfeldt, "Chemical Differentiation of Enantiotopic Groups. Diastereoselective Opening of a Prochiral Dilactone," *Tetrahedron*, 1996, **52**, 14577.
177. M. Al-Talib, I. Gerstenberger, P. G. Jones, and E. Winterfeldt, "Switching Selectivity in *o*-Benzoquinone Cycloadditions," *Liebigs Ann. Chem / Recueili*, 1997, 893.
178. S. Doye, T. Hotopp, and E. Winterfeldt, "The Enantioselective Total Synthesis of (-)-Myltaylenol," *J. Chem. Soc., Chem. Commun.*, 1997, 1491.
179. E. Winterfeldt, C. Borm, and F. Nerenz, "Preparation and Application of Chiral Cyclopentadienes," *Advances in Asymmetric Synthesis*, Vol. 2, pp. 1-53, JAI Press, 1997.

180. I. Gerstenberger, M. Hansen, A. Mauvais, R. Wartchow, and E. Winterfeldt, "Regioselective and Stereoselective Transformations of Enantiopure *p*-Benzoquinone Equivalents," *Eur. J. Org. Chem.*, 1998, 643.
181. S. Doye, T. Hotopp, R. Wartschow, and E. Winterfeldt, "The Enantioselective Total Synthesis of (-)-Myltaylenol," *Chem. Eur. J.*, 1998, 1480.
182. M. Drögemüller, T. Fleßner, R. Jautelat, U. Scholz, and E. Winterfeldt, "Synthesis of Cephalostatin Analogues by Symmetrical and Non-Symmetrical Routes," *Eur. J. Org. Chem.*, 1998, 2811.
183. K. Goldenstein, F. Nerenz, and E. Winterfeldt, "Biogenetically Patterned Enantioselective Synthesis," *Polish. J. Chem.*, 1999, **73**, 3.
184. St. Elis and E. Winterfeldt, "Complete Regioselectivity in Staurosporine Chromophore Formation," *Synthesis*, 1999, 275.
185. R. Jautelat, A. Müller-Fahrnow, and E. Winterfeldt, "A Novel Oxidative Cleavage of the Steroidal Skeleton," *Chem. Eur. J.*, 1999, 1226.
186. W. Beil, M. Göres, F. Nerenz, and E. Winterfeldt, "Total Synthesis of Tumor Inhibiting Didemnenone Analogues," *J. Prakt. Chem.*, 1999, **341**, 384.
187. M. Zhao, Ch. Wang, M. Guo, Sh. Peng, and E. Winterfeldt, "Synthesis of Enantiopure Oxindoloquinolizines," *J. Prakt. Chem.*, 1999, **341**, 677.
188. E. Winterfeldt, "Marine Natural Products-Feeding Data Bases or Triggering Innovations," *Ernst Schering Research Foundation*, 1999, **34**, 7.
189. E. Winterfeldt, "Marine Natural Products-Synthetic Exercises and Biological Activity," *IUPAC, Pure and Applied Chemistry*, 1999, **71**, 1095.
190. W. Beil, P. G. Jones, F. Nerenz, and E. Winterfeldt, "Enantiopure Building Blocks for Marine Natural Products via Differentiation of Enantiotopic Groups," *Tetrahedron*, 1998, **54**, 7273.
191. E. Winterfeldt, K. Goldenstein, T. Fendert, and P. Proksch, "Enantioselective Preparation and Enzymatic Cleavage of Spiroisoxazoline Amides," *Tetrahedron*, 2000, **56**, 4173.
192. S. Bäsler, A. Brunck, R. Jautelat, and E. Winterfeldt, "Synthesis of Cytostatic Tetradecacyclic Pyrazines and a Novel Reduction-Oxydation Sequence for Spiroketal Opening in Sapogenins," *Helv. Chim. Acta*, 2000, **83**, 1854.
193. E. Winterfeldt, "Moleküle Erkennen Einander – Besonders Wenn man Druck Macht," *Jahrbuch der Braunschweigischen Wissenschaftlichen Gesellschaft*, 2000, 73.
194. E. Winterfeldt, "Marine Naturstoffe – Biologische Aktivität und Präparative Studien," *Jahrbuch der*

Akademie der Wissenschaften zu Göttingen, 2000, 155.

195. M. Wolter, C. Borm, E. Merten, R. Wartchow, and E. Winterfeldt, "Enantiopure Polycycles by Sequential Cycloadditions," *Eur. J. Org. Chem.*, 2001, 4051.
196. M. E. Tran-Huu-Dau, R. Wartchow, E. Winterfeldt, and Y. S. Wong, "New Cyclohexadienone Derivatives: Preparation and Chiral Discrimination in High Pressure Diels-Alder Cycloaddition," *Chem. Eur. J.*, 2001, **7**, 2349.
197. T. Flessner, V. Ludwig, H. Siebeneicher, and E. Winterfeldt, "A Practical Route to a Complex Bis-Steroidal Diene Intermediate Using a Microwave Assisted Heck-Reaction," *Synthesis*, 2002, 1373.
198. J. Mukherjee, M. Menge, D. Hoisschen, N. Grammel, E. Winterfeldt, U. Keller, and Th. Scheper, "Development of a Tryptophan Auxotrophic Mutant of *Claviceps Purpurea* 1029 N5 and its Preliminary Application in the Synthesis of New Ergot Alkaloids," *Acta Biotechnol.*, 2002, **22**, 411.
199. M. Nawasreh and E. Winterfeldt, "Novel Routes to Nonsymmetric Cephalostatin Analogues," *Curr. Org. Chem.*, 2003, **7**, 1.
200. E. Haak and E. Winterfeldt, "A Simple Biomimetic Route to Nonsymmetric Pyrazines," *Synlett*, 2004, 1414.
201. T. Flessner, R. Jautelat, Z. Scholz, and E. Winterfeldt, "Cephalostatin Analogues-Synthesis and Biological Activity," *Progress in the Chemistry of Organic Natural Products*, 2004, **87**, 1.