

IV. Literaturverzeichnis

- [1] a) L. F. Tietze, U. Beifuss, *Angew. Chem.* **1993**, *105*, 137-170; *Angew. Chem. Int. Ed. Engl.* **1993**, *32*, 131-163; b) L. F. Tietze, *Chem. Rev.* **1996**, *96*, 115-136.
- [2] J. Tsuji, *Palladium Reagents and Catalysts: Innovations in Organic Synthesis*, Wiley, Chichester, **1995**.
- [3] S. E. Gibson (née Thomas), R. J. Middleton, *Contemp. Org. Synth.* **1996**, *3*, 447-471.
- [4] T. Laue, A. Plagens, *Namen- und Schlagwort-Reaktionen der Organischen Chemie*, Teubner, Stuttgart **1995**, 170-173.
- [5] a) J. B. Melpolder, R. F. Heck, *J. Org. Chem.* **1976**, *41*, 265-272; b) A. J. Chalk, S. A. Magennis, *J. Org. Chem.* **1976**, *41*, 273-278, 1206-1209; c) W. C. Frank, Y. C. Kim, R. F. Heck, *J. Org. Chem.* **1978**, *43*, 2947-2949; d) Y. Tamaru, Y. Yamada, Z. Yoshida, *J. Org. Chem.* **1978**, *43*, 3396-3398; e) W. Smadja, S. Czernecki, G. Ville, C. Georgoulis, *Organometallics* **1987**, *6*, 166-169; f) R. C. Larock, W.-Y. Leung, S. Stolz-Dunn, *Tetrahedron Lett.* **1989**, *30*, 6629-6632; g) S.-K. Kang, K.-Y. Jung, C. H. Park, E.-Y. Namkoong, T.-H. Kim, *Tetrahedron Lett.* **1995**, *36*, 6287-6290.
- [6] G. Dyker, H. Markwitz, *Synthesis* **1998**, im Druck.
- [7] G. Dyker, P. Grundt, *Tetrahedron Lett.* **1996**, *37*, 619-622.
- [8] P. Grundt, *Diplomarbeit*, Braunschweig **1995**.
- [9] A. T. Nielsen, W. J. Houlihan, *Org. React.* **1968**, *16*, 1-438.
- [10] E. D. Bergman, D. Ginsberg, R. Pappo, *Org. React.* **1959**, *10*, 179-569.
- [11] *Dictionary of Natural Products*, Chapman & Hall, London **1994**.

- [12] a) M. E. Jung, *Tetrahedron* **1976**, *32*, 3-31; b) R. E. Gawley, *Synthesis* **1976**, 777-794.
- [13] E. Negishi, C. Copéret, S. Ma, S.-Y. Liou, F. Liu, *Chem. Rev.* **1996**, *96*, 365-393.
- [14] L. F. Tietze, T. Nöbel, M. Spescha, *Angew. Chem.* **1996**, *108*, 2385-2386; *Angew. Chem. Int. Ed. Engl.* **1996**, *35*, 2259-2261.
- [15] a) F. E. Ziegler, U. R. Chakraborty, R. B. Weisenfeld, *Tetrahedron* **1981**, *37*, 4035-4040; b) J. J. Masters, D. K. Jung, W. G. Bornmann, S. J. Danishefsky, S. de Gala, *Tetrahedron* **1993**, *34*, 7253-7256; c) D. C. Horwell, P. D. Nichols, G. S. Ratcliffe, E. Roberts, *J. Org. Chem.* **1994**, *59*, 4418-4423; d) J. B. Rigby, R. C. Hughes, M. J. Heeg, *J. Am. Chem. Soc.* **1995**, *117*, 7834-7835; e) S. Ma, E. Negishi, *J. Am. Chem. Soc.* **1995**, *117*, 6345-6357; f) M. J. Stocks, R. P. Harrison, S. J. Teague, *Tetrahedron Lett.* **1995**, *36*, 6555-6558; g) S. E. Gibson (née Thomas), N. Guillo, R. J. Middleton, A. Thuilliez, M. J. Tozer, *J. Chem. Soc. Perkin Trans. I* **1997**, 447-455; h) K. Akaji, Y. Kiso, *Tetrahedron Lett.* **1997**, *38*, 5185-5188.
- [16] a) W. S. Wadsworth, Jr., W. D. Emmons, *J. Am. Chem. Soc.* **1961**, *83*, 1733-1738; b) W. S. Wadsworth, Jr., *Org. React.* **1977**, *25*, 73-253.
- [17] N. A. Petasis, E. I. J. Bzowej, *J. Am. Chem. Soc.* **1990**, *112*, 6392-6394.
- [18] H. Markwitz, *Diplomarbeit*, Duisburg **1997**.
- [19] R. M. Acheson, G. C. M. Lee, *J. Chem. Soc. Perkin I* **1987**, 2321-2332.
- [20] a) M. Stiles, D. Wolf, G. V. Hudson, *J. Am. Chem. Soc.* **1959**, *81*, 628-632; b) D. S. Noyce, W. L. Reed, *J. Am. Chem. Soc.* **1959**, *81*, 624-628.
- [21] K. Irie, K. Watanabe, *Bull. Chem. Soc. Jpn.* **1981**, *54*, 1195-1198.
- [22] A. C. Greiner, C. Spyckerelle, P. Albrecht, *Tetrahedron* **1976**, *32*, 257-260.

- [23] H.-O. Kalinowski, S. Berger, S. Braun, *¹³C-NMR-Spektroskopie*, Thieme, Stuttgart **1994**.
- [24] S. N. Huckin, L. Weiler, *J. Am. Chem. Soc.* **1974**, *96*, 1082-1087.
- [25] M. W. Rathke, M. J. Nowak, *J. Org. Chem.* **1985**, *50*, 2624-2626.
- [26] F. Bonadies, A. Cardilli, A. Lattanzi, L. R. Orelli, A. Scettri, *Tetrahedron Lett.* **1994**, *35*, 3383-3386.
- [27] Lütger Ernst, *¹³C-NMR-Spektroskopie*, Dr. Dietrich Steinkopff Verlag, Darmstadt **1980**, 44-48.
- [28] A. R. Katritzky, D. Feng, H. Lang, *J. Org. Chem.* **1997**, *62*, 715-720.
- [29] A. de Meijere, F. E. Meyer, *Angew. Chem.* **1994**, *106*, 2473-2506; *Angew. Chem. Int. Ed. Engl.* **1994**, *33*, 2379-2411.
- [30] S. Braun, H.-O. Kalinowski, S. Berger, *100 and More Basic NMR-Experiments*, VCH, Weinheim **1996**.
- [31] H. Friebolin, *Basic One- and Two-Dimensional NMR-Spektroskopie*, VCH, New York **1991**.
- [32] M. Hesse, H. Meier, B. Zeeh, *Spektroskopische Methoden in der organischen Chemie*, 5. Auflage, Thieme, Stuttgart **1995**, S. 146.
- [33] B. R. Davis, P. J. Garratt in B. M. Trost, I. Fleming, *Comprehensive Organic Synthesis*, Pergamon, Oxford **1991**, 795-863.
- [34] E. J. Corey, D. L. Boger, *Tetrahedron Lett.* **1978**, 4597-4600.
- [35] A. J. Mancuso, S.-L. Huang, D. Swern, *J. Org. Chem.* **1978**, *43*, 2480-2482.
- [36] I. Fleming, *Grenzorbitale und Reaktionen organischer Moleküle*, VCH, Weinheim **1990**, 82-85.

- [37] E. Weber, F. Vögtle, *Top. Curr. Chem.* **1991**, 161.
- [38] R. W. Thies, S. T. Yue, *J. Org. Chem.* **1982**, 47, 2685-2690.
- [39] a) L. Quellet, P. Langois, P. Deslongchamps, *Synlett* **1997**, 689-690;
b) P. Langlois, P. Soucy, Y. L. Dory, P. Deslongchamps, *Can. J. Chem.* **1996**, 74, 129-143.
- [40] P. J. Murphy, H. L. Williams, D. E. Hibbs, M. B. Hursthouse, K. M. A. Malik, *Tetrahedron* **1996**, 52, 8315-8332.
- [41] G. Stork, A. Brizzolara, H. Landesman, J. Szmuszkovicz, R. Terrell, *J. Am. Chem. Soc.* **1963**, 85, 207-222.
- [42] a) G. R. Krow in B. M. Trost, I. Fleming, *Comprehensive Organic Synthesis*, Vol. 7, Pergamon, Oxford **1991**, 671-688; b) H. O. House, *Modern Synthetic Reactions*, 2nd ed., Benjamin, Menlo Park **1972**, 321-329.
- [43] H. R. Christen, F. Vögtle, *Organische Chemie*, Bd. II, Salle/Sauerländer, Frankfurt **1990**, 385-394.
- [44] *Spartan*, Wavefunction Inc., Irvine, **1995**.
- [45] J. Leonard, B. Lygo, G. Procter, *Praxis der organischen Chemie : ein Handbuch*, VCH, Weinheim **1996**.
- [46] W. C. Still, M. Kahn, A. Mitra, *J. Org. Chem.* **1978**, 43, 2923-2925.
- [47] D. D. Perrin, W. L. F. Armarego, D. R. Perrin, *Purification of Laboratory Chemicals*, 2nd Edition, Pergamon, Oxford **1980**.
- [48] A. J. Bloodworth, R. Curtis, M. D. Spencer, N. Tallant, *Tetrahedron* **1993**, 49, 2729-2750.
- [49] M. Riediker, R. O. Duthaler, *Angew. Chem.* **1989**, 101, 488-490.

- [50] R. M. Ashcroft, A. Bury, C. J. Cooksey, A. G. Davies, B. D. Gupta, *J. Organomet. Chem.* **1980**, *195*, 89-104.
- [51] C. Blomberg, F. A. Hootey, *Synthesis* **1977**, 18-30.
- [52] J. C. Grandguillot, F. Rouessac, *Tetrahedron* **1991**, *47*, 5133-5148.
- [53] D. Hellwinkel, S. Bohnet, *Chem. Ber.* **1987**, *120*, 1151-1173.
- [54] BRN 3125660; Beilstein 7 III 1382; Betti, Lucchi, Atti. Accad. Naz. Lincei Cl. Sci. Fis. Mat. Nat. Rend. **1936**, *23*, 465.
- [55] S. Cacchi, G. Palmieri, *J. Organometallic Chem.* **1985**, *282*, C3-C6.
- [56] a) M. L. Hammond, R. A. Zambias, M. N. Chang, N. P. Jensen, J. McDonald, *J. Med. Chem.* **1990**, *33*, 909-918; b) C. N. Robinson, J. L. Horton, D. O. Foshee, J. W. Jones, S. H. Hanissian, C. D. Slater, *J. Org. Chem.* **1986**, *51*, 3535-3540.
- [57] K. v. Clauss, H. Bestian, *Liebigs Ann.* **1962**, *654*, 8-19.
- [58] G. Bartoli, E. Marcantoni, M. Petrini, L. Sambri, *Chem. Eur. J.* **1996**, *2*, 913-918.
- [59] L. A. Paquette, *Encyclopedia of Reagents for Organic Synthesis*, Wiley, Chichester **1995**, Vol. 5, 3004-3013.
- [60] S. E. Jacobson, F. Mares, P. M. Zambri, *J. Am. Chem. Soc.* **1979**, *101*, 6938-6946.