

Literature

Petr Beňovský: *Organická chemie - Organická syntéza*, MU Brno 2003

László Kürti, Barbara Czakó: Strategic applications of named reactions in organic synthesis

K. C. Nicolaou et al.: Classics in Total Synthesis

Leo A. Paquette (Ed.): Encyclopedia of reagents for organic synthesis (14 vols), Wiley 2009

Organic Reactions

Science of Synthesis

+ other literature in the central library (organic chemistry section)

J. Am. Chem. Soc. **1956**, *78*, 2657.

J. Am. Chem. Soc. **1987**, *109*, 5765.

Helv. Chim. Acta **1987**, *70*, 954.

J. Org. Chem. **1968**, *33*, 728.

J. Chem. Soc. **1917**, 762.

oxidation

- J. Chem. Soc. Chem. Commun.* **1987**, 1324.
J. Am. Chem. Soc. **1969**, 91, 4933.
Tetrahedron Lett. **1961**, 310.
Tetrahedron Lett. **1961**, 493.
J. Org. Chem. **1981**, 46, 1492.
J. Org. Chem. **1976**, 41, 3883.
J. Chem. Soc. Perkin Trans. I **1985**, 1.
Chem. Lett. **1979**, 709.
J. Org. Chem. **1993**, 58, 3912.
J. Am. Chem. Soc. **1982**, 104, 4708.
Tetrahedron **2003**, 59, 8393.
J. Am. Chem. Soc. **2005**, 127, 14146.
J. Am. Chem. Soc. **1988**, 110, 6891.
J. Am. Chem. Soc. **1990**, 112, 9645.
- Tetrahedron* **1992**, 48, 1145.
J. Chem. Soc. Perkin Trans. I **1992**, 979.
J. Org. Chem. **1980**, 45, 4825.
J. Am. Chem. Soc. **1994**, 116, 1004.
J. Am. Chem. Soc. **1992**, 114, 10181.
J. Chem. Soc. Chem. Commun. **1988**, 634.
J. Org. Chem. **1966**, 31, 2509.
Synlett **1991**, 529.
Tetrahedron Lett. **1987**, 28, 5129.
J. Chem. Soc. Chem. Commun. **1993**, 1220.
J. Am. Chem. Soc. **1996**, 118, 9806.
J. Am. Chem. Soc. **1997**, 119, 11224.
J. Am. Chem. Soc. **1987**, 109, 5765.
J. Org. Chem. **1992**, 57, 4320.
J. Am. Chem. Soc. **1991**, 113, 7063.
- J. Am. Chem. Soc.* **1976**, 98, 1986.
Angew. Chem. Int. Ed. **1995**, 34, 2031.
J. Org. Chem. **1992**, 57, 2768.
Tetrahedron Lett. **1974**, 1387.
Org. Lett. **2004**, 6, 3217.
J. Chem. Soc. Chem. Commun. **1986**, 1319.
Tetrahedron Lett. **1971**, 2941.
J. Org. Chem. **1987**, 52, 689.
J. Am. Chem. Soc. **1982**, 104, 4502.
J. Org. Chem. **1974**, 39, 120.
J. Am. Chem. Soc. **1961**, 83, 4083.
J. Am. Chem. Soc. **1993**, 115, 11648.
J. F. Hartwig et al. Nature **2012**, 483, 70.
H. M. L. Davies et al. Nature **2017**, 551, 609.

reduction

- J. Org. Chem.* **1958**, *23*, 1483.
J. Org. Chem. **1958**, *23*, 1088.
J. Org. Chem. **1989**, *54*, 2620.
J. Chem. Soc., Perkin Trans. 1 **1981**, 909.
J. Chem. Soc., Perkin Trans. 1 **1980**, 212.
J. Org. Chem. **1989**, *54*, 1548.
J. Chem. Soc., Perkin Trans. 1 **1979**, 2740.
Synlett. **2000**, 1363.
J. Am. Chem. Soc. **1980**, *102*, 2117.
Tetrahedron Lett. **1991**, *32*, 1095.
J. Am. Chem. Soc. **1973**, *95*, 8486.
J. Am. Chem. Soc. **1983**, *105*, 6736.
J. Org. Chem. **1988**, *53*, 4006.
Tetrahedron Lett. **1983**, *24*, 3873.
J. Am. Chem. Soc. **1993**, *115*, 4419.
J. Am. Chem. Soc. **1988**, *110*, 629.
Org. Synth. **1996**, *74*, 194.
J. Am. Chem. Soc. **1993**, *115*, 3146.
J. Am. Chem. Soc. **1992**, *114*, 3162.
J. Am. Chem. Soc. **1978**, *100*, 2226.
J. Am. Chem. Soc. **1997**, *119*, 10073.
Tetrahedron Lett. **1990**, *31*, 3237.
J. Am. Chem. Soc. **1988**, *110*, 4329.
Tetrahedron Lett. **1984**, *25*, 5449.
Tetrahedron **1985**, *41*, 5307.
Tetrahedron Lett. **1983**, *24*, 763.
Angew. Chem. Int. Ed. Engl. **1999**, *38*, 2934.
J. Am. Chem. Soc. **1990**, *112*, 7001.
J. Org. Chem. **1969**, *34*, 1109.
Heterocycles **1991**, *32*, 663.
Can. J. Chem. **1979**, *57*, 1064.
Can. J. Chem. **1983**, *61*, 1111.
J. Org. Chem. **1991**, *56*, 2947.
J. Am. Chem. Soc. **1986**, *108*, 3443.
J. Am. Chem. Soc. **1991**, *113*, 8980.
J. Org. Chem. **1979**, *44*, 151.
J. Am. Chem. Soc. **1985**, *107*, 1448.
J. Org. Chem. **1988**, *53*, 1100.
J. Org. Chem. **1989**, *54*, 2781.
Tetrahedron **1972**, *28*, 3583.
J. Chem. Soc. **1957**, 3107.
J. Am. Chem. Soc. **1985**, *107*, 4339.
Organometallics **1987**, *2*, 681.
J. Am. Chem. Soc. **1983**, *105*, 1072.
J. Org. Chem. **2017**, *82*, 3382.

reduction

J. Am. Chem. Soc. **1987**, *109*, 1596.

J. Org. Chem. **1988**, *53*, 708.

J. Am. Chem. Soc. **1985**, *107*, 256.

J. Org. Chem. **1977**, *42*, 3987.

Tetrahedron **1976**, *32*, 2157.

J. Org. Chem. **1977**, *42*, 2032.

J. Am. Chem. Soc. **1963**, *85*, 41.

J. Org. Chem. **1991**, *56*, 741.

J. Org. Chem. **1972**, *37*, 4317.

Helv. Chim. Acta **1989**, *72*, 1400.

Helv. Chim. Acta **1990**, *73*, 405.

Angew. Chem. Int. Ed. **2013**, *52*, 806.

Angew. Chem. Int. Ed. **2013**, *52*, 355.

J. Org. Chem. **1973**, *38*, 26.

J. Am. Chem. Soc. **2005**, *127*, 11176.

J. Am. Chem. Soc. **1971**, *93*, 4327.

protecting groups

T. W. Greene, P. G. M. Wuts *Protective Groups in Organic Synthesis*
P. J. Kocienski *Protecting Groups*

Young, I. S.; Baran, P. S. *Nature Chemistry* **2009**, 1, 193.
„Protecting-group-free-synthesis as an opportunity for invention“

- Chem. Pharm. Bull.* **1981**, 29, 3202.
- Synthesis* **1989**, 225.
- Tetrahedron* **1985**, 41, 643.
- Tetrahedron Lett.* **1986**, 27, 1255.
- Tetrahedron: Asymmetry* **1991**, 2, 343.
- Tetrahedron* **1992**, 48, 4713.
- J. Org. Chem.* **1984**, 49, 3875.
- Tetrahedron Lett.* **1989**, 30, 1037.
- J. Am. Chem. Soc.* **1988**, 110, 3929.
- J. Am. Chem. Soc.* **1989**, 111, 2967.
- J. Am. Chem. Soc.* **1999**, 121, 79.
- J. Am. Chem. Soc.* **1980**, 102, 7583.
- J. Am. Chem. Soc.* **1977**, 99, 5773.
- J. Org. Chem.* **2000**, 65, 7602.
- J. Am. Chem. Soc.* **1986**, 108, 2662.
- J. Am. Chem. Soc.* **1984**, 106, 8327.
- Tetrahedron* **1990**, 46, 5365.
- J. Org. Chem.* **1992**, 57, 644.
- Tetrahedron Lett.* **1986**, 27, 579.
- J. Am. Chem. Soc.* **1982**, 104, 2945.
- Tetrahedron Lett.* **1984**, 25, 2515.
- J. Am. Chem. Soc.* **1987**, 109, 3981.
- Tetrahedron Lett.* **1989**, 30, 1037.
- J. Chem. Soc. Perkin Trans. 1* **1992**, 3043.
- Can. J. Chem.* **1965**, 43, 2004.
- Liebigs Ann. Chem.* **1986**, 1281.
- J. Am. Chem. Soc.* **1976**, 98, 2157.
- J. Am. Chem. Soc.* **1994**, 116, 1599.
- Tetrahedron Lett.* **1988**, 29, 5417.
- Org. Lett.* **2011**, 13, 4120.
- Angew. Chem. Int. Ed.* **2013**, 52, 8165.
- J. Am. Chem. Soc.* **2000**, 122, 10238.
- Tetrahedron Lett.* **1982**, 23, 1087.
- J. Am. Chem. Soc.* **1986**, 108, 800.
- Tetrahedron Lett.* **1987**, 28, 5755.
- Tetrahedron Lett.* **1987**, 28, 2489.

protecting groups

J. Org. Chem. **1985**, *50*, 1190.

J. Org. Chem. **2017**, *82*, 3382.

Synthesis **1992**, 1025.

J. Am. Chem. Soc. **2008**, *130*, 2944.

J. Chem. Soc., Chem. Commun. **1984**, 389.

J. Org. Chem. **1990**, *55*, 3068.

Tetrahedron Lett. **1991**, *32*, 2409.

Tetrahedron Lett. **1982**, *23*, 4199.

Synth. Commun. **1997**, *27*, 1819.

Angew. Chem. Int. Ed. Engl. **1983**, *22*, 62.

J. Am. Chem. Soc. **1984**, *106*, 5594.

Bull. Chem. Soc. Jpn. **1978**, *51*, 1577.

J. Am. Chem. Soc. **1982**, *104*, 1737.