

REFERENCES

1. Johnson, R. A. In "Oxidation in Organic Chemistry", Trahanovsky, W. S., Ed.; Academic Press : New York, 1978, Vol 5-C, pp 131-210
2. Carey, F. A.; Sundberg, R. J. *Advanced Organic Chemistry Part B*, 3rd ed., Plenum Press: New York, 1990
3. Coon, M. J.; White, R. E. In "Dioxygen Binding and Activation by Metal Center", Spiro, T. G., Ed.; Wiley : New York, 1979
4. Hewson, W. D.; Hager, L. P. *Porphyrin* 1979, 7, 295
5. Allain, E. J.; Hager, L. P. *J. Am. Chem. Soc.* 1993, 115, 4415
6. Pine, S. H.; Hendrickson, J. B.; Cram, D. J.; Hammond, G. S. *Organic Chemistry* 4th ed., McGraw-Hill Kogakusha, Ltd., Tokyo, 1980
7. Prilezhaev, N. *Ber. Dtsch. Chem. Ges.* 1909, 42, 4811
8. (a) Hibbert, H.; Burt, P. In "Organic Syntheses" (Gilman, H.; Blatt, A. H. Eds.), Collect. Vol I, 2nd ed., p 494. Wiley, New York, 1941
(b) Paquette, L. A.; Barrett, J. H. *Org. Synth.* 1960, 49, 62
(c) Reif, D. J.; House, H. O. In "Organic Syntheses" (Rabjohn, N. ed.), Collect. Vol. IV, p. 860, Wiley, New York, 1963
9. Swern, D. *J. Am. Chem. Soc.* 1947, 69, 1692
10. Rastertter, W. H.; Richard, T. J.; Lewis, M. D. *J. Org. Chem.* 1979, 43, 3164
11. Anderson, W. K.; Veysogly, T. *J. Org. Chem.* 1973, 38, 2267
12. Sharpless, K. B.; Lauer, R. F.; Teranishi, A. Y. *J. Am. Chem. Soc.* 1973, 95, 6137
13. Carlson, R. G.; Behn, N. S.; Cowles, C. *J. Org. Chem.* 1971, 36, 3832
14. Richter, J. C.; Preppel, C. *Can. J. Chem.* 1968, 46, 3709
15. Chamberlain, P.; Roberts, N. L.; Whitham, G. H. *J. Chem. Soc. B* 1970, 1374
16. Glotter, E.; Greenfield, S.; Lavie, D. *Tetrahedron Lett.* 1967, 5261
17. Chiasson, B. A.; Berchtold, G. A. *J. Am. Chem. Soc.* 1974, 96, 2898
18. Cerefice, S. A.; Fields, E. K. *J. Org. Chem.* 1976, 41, 355
19. Frostick, F. C. Jr.; Phillips, B.; Starcher, P. S. *J. Am. Chem. Soc.* 1959, 81, 3350

20. Wasson, R. L.; House, H. O. In "Organic Syntheses" Rabjohn, N., Ed., Collect. Vol. IV, Wiley, New York, **1963**, 552
21. House, H. O.; Ro, R. S. *J. Am. Chem. Soc.* **1958**, *80*, 2428
22. Apeloig, Y.; Karni, M.; Rappoport, Z. *J. Am. Chem. Soc.* **1983**, *105*, 2784
23. Meth-Cohn, O.; Moore, C.; Taljaard, H. C. *J. Chem. Soc., Perkin Trans. I* **1988**, 2663
24. Tezuka, T.; Iwaki, M. *J. Chem. Soc., Perkin Trans. I* **1984**, 2507
25. Montanari, F.; Casella, L. Eds. *Metalloporphyrins Catalyzed Oxidations*, Kluwer Academic : Dordrecht, 1994
26. (a) Artaud, I.; Ben Aziza, K.; Chopard, C.; Mansuy, D. *J. Chem. Soc., Chem. Commun.* **1991**, 31
(b) Higuchi, T.; Satake, C.; Hirobe, M. *J. Am. Chem. Soc.* **1995**, *117*, 8879
27. Traylor, T. G.; Hill, K. W.; Fann, W. -P.; Tsuchiya, S.; Dunlap, B. E. *J. Am. Chem. Soc.* **1992**, *114*, 1308
28. Groves, J. T.; Nemo, T. E. *J. Am. Chem. Soc.* **1983**, *105*, 5786
29. Bartoli, J. F.; Battioni, P.; De Foor, W. R.; Mansuy, D. *J. Chem. Soc., Chem. Commun.* **1994**, 23
30. Traylor, T. G.; Tsuchiya, S.; Byun, Y. S.; Kim, C. *J. Am. Chem. Soc.* **1993**, *115*, 2775
31. Battioni, P.; Bartoli, J. F.; Ledue, P.; Fontecave, M.; Mansuy, D. *J. Chem. Soc., Chem. Commun.* **1987**, 791
32. Querci, C.; Ricci, M. *J. Chem. Soc., Chem. Commun.* **1989**, 889
33. Collman, J. P.; Lee, V. J.; Zhang, X.; Ibers, J. A.; Brauman, J. I. *J. Am. Chem. Soc.* **1993**, *115*, 3834
34. Arasasingham, R. D.; He, C. X.; Bruice, Th. C. *J. Am. Chem. Soc.* **1993**, *115*, 7985
35. Thomsen, D. S.; Schiott, B.; Jorgenson, K. A. *J. Chem. Soc., Chem. Commun.* **1992**, 1072
36. Mimoun, H.; Roch, S. D.; Sajus, L. *Tetrahedron* **1970**, *26*, 37
37. Balavoine, G.; Eskenazi, C.; Meunier, F.; Riviere, H. *Tetrahedron Lett.* **1984**, *25*, 3187

38. Yamazaki, S.; Yamazaki, Y. *Bull. Chem. Soc. Jpn.* **1991**, *64*, 3185
39. Zhang, S.; Shepherd, R. E. *Inorg. Chim. Acta* **1992**, *193*, 217
40. Hamamoto, M.; Nakayama, K.; Nishiyama, Y.; Ishii, Y. *J. Org. Chem.* **1993**, *58*, 6421
41. Yorozu, K.; Takai, T.; Yamada, T.; Mukaiyama, T. *Bull. Chem. Soc. Jpn.* **1994**, *67*, 2195
42. Parish, E. J.; Li, H.; Li, S. *Syn. Comm.* **1995**, *25*, 927
43. Samsel, E. G.; Srinivasan, K.; Kochi, J. K. *J. Am. Chem. Soc.* **1985**, *107*, 7606
44. Ganeshpure, P. A.; Satish, S. *J. Chem. Soc., Chem. Commun.* **1988**, 981
45. Zhang, W.; Jacobsen, E. N. *J. Org. Chem.* **1991**, *56*, 2296
46. Jacob, M.; Bhattacharya, P. K.; Ganeshpure, P. A.; Satish, S.; Sivaram, S. *Bull. Chem. Soc. Jpn.* **1989**, *62*, 1325
47. Agarwal, D. D.; Bhatnagar, R. P.; Jain, R.; Srivastava, S. *J. Chem. Soc., Perkin Trans. II* **1990**, 989
48. (a) Irie, R.; Noda, K.; Ito, Y.; Matsumoto, N.; Katsuki, T. *Tetrahedron Lett.* **1990**, *31*, 7345
(b) Irie, R.; Noda, K.; Ito, Y.; Katsuki, T. *Tetrahedron Lett.* **1991**, *31*, 1055
49. O'Connor, K. J.; Wey, S. J.; Burrows, C. J. *Tetrahedron Lett.* **1992**, *33*, 1001
50. Palucki, M.; McCormick, G. J.; Jacobsen, E. N. *Tetrahedron Lett.* **1995**, *36*, 5457
51. Yamada, T.; Imagawa, K.; Nagata, T.; Mukaiyama, T. *Bull. Chem. Soc. Jpn.* **1994**, *67*, 2248
52. Irie, R.; Ito, Y.; Katsuki, T. *Tetrahedron Lett.* **1991**, *32*, 6891
53. Kureshy, R. I.; Khan, N. H.; Abdi, S. H. R.; Bhatt, K. N. *Tetrahedron : Asymmetry* **1993**, *4*, 1693
54. Agarwal, D. D.; Rastogi, R. *Indian J. Chem. Sec. B* **1994**, *33B*, 787
55. Cheng, W. C.; Yu, W. Y.; Cheung, K. K.; Che, C. M. *J. Chem. Soc., Chem. Commun.* **1994**, 1063
56. Punniyamurthy, T.; Bhatia, B.; Iqbal, J. *J. Org. Chem.* **1994**, *59*, 850

57. Reddy, M. M.; Punniyamurthy, T.; Iqbal, J. *Tetrahedron Lett.* **1995**, *36*, 159
58. Selbin, J. *J. Coord. Chem. Rev.* **1966**, *1*, 293
59. Biradar, N. S.; Karajagi, G. V.; Aminabhavi, T. M. *Inorg. Chim. Acta* **1984**, *82*, 211
60. Busch, D. H.; Bailar, J. C. *J. Am. Chem. Soc.* **1956**, *78*, 1137
61. Sekhar, S.; Richa, M. *J. Indian Chem. Soc.* **1995**, *72*, 715
62. Mukhopadhyay, M.; Madhava Reddy, M.; Maikap, G. C.; Iqbal, J. *J. Org. Chem.*, **1995**, *60*, 2670
63. Coakley, M. P.; Young, L. H.; Gallagher, R. A. *J. Inorg. Nucl. Chem.* **1969**, *31*, 1449
64. Ho, R. K. Y.; Livengstone, S. E. *Aust. J. Chem.* **1965**, *18*, 659
65. Westland, A. D.; Tavafer, T. H. *Inorg. Chem.* **1981**, *20*, 3992
66. Martell, A. E.; Belford, R. L.; Calvin, M. *J. Inorg. Nucl. Chem.* **1958**, *5*, 170
67. Aminabhavi, T. M.; Rudzinski, W. E.; Biradar, S.; Patil, C. S. *Inorg. Chim. Acta* **1983**, *76*, L131
68. De, R. L.; Bhar, S. *J. Indian Chem. Soc.* **1992**, *69*, 856
69. O' Connor, M. J.; West, B. O. *Aust. J. Chem.* **1986**, *21*, 369
70. Yamada, S.; Iwasaki, K. *Inorg. Chim. Acta* **1971**, *5*, 3
71. Chavasiri, W.; Nuntasri, D., unpublished results
72. Hughes, D. L.; Kleinkes, U.; Leigh, G. J.; Maiwald, M.; Sanders, J. R. *J. Chem. Soc., Dalton Trans.* **1993**, 3093
73. Kessel, S. L.; Emberson, R. M.; Debrunner, P. G.; Hendrickson, D. N. *Inorg. Chem.* **1980**, *19*, 1170
74. (a) Kukla, A. S.; Kumar, N.; Sanduja, S. K.; Seshadri, T. R. *Indian J. Chem.* **1976**, *14B*, 905
- (b) Bahl, C. P.; Parthasarathy, M. R.; Seshadri, T. R. *Tetrahedron* **1968**, *24*, 6231
75. Leising, R. A.; Zang, Y.; Que, L. Jr. *J. Am. Chem. Soc.* **1991**, *113*, 8555
76. Nam, N.; Kim, H. J.; Kim, S. H.; Ho, R. Y. N.; Valentine, J. S. *Inorg. Chem.* **1996**, *35*, 1045

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