

REFERENCES

1. G.R.Clemons and H.Mellwain, *J.Chem.Soc.*, 479 (1938).  
*G. R. Clemons and H. F. Daglish, J. Chem. Soc. 1481(1950)*
2. E.C.White and J.H.Hill, *J.Bacteriol.*, 45, 433 (1945)
3. H.N.Gerber and H.P. Lechevalier *Biochem.*, 4, 176 (1935).
4. H.P.Sigg and A.Toth, *Helv. Chim.Acta*, 50, 716 (1937).
5. M.Weiglele and W.Leingruber, *Tetrahedron Letters*, 715 (1967).
6. J.B.Nielands, *Science*, 156, 1443 (1967).
7. A.H.Cook and G.A.Slater, *J.Chem.Soc.*, 4133 (1956).
8. A.J.Birch, R.A.Macey Westropp and R.W.Rickards, *J.Chem.Soc.* 3717 (1956).
9. H.Terao, *J.Antibiotics (Tokyo)*, Ser A, 14, 132 (1963).
10. Abramovitch and Singer, *J.ORG. Chem.*, 37, 3383 (1972).
11. Taylor in *Topics in heterocyclic Chemistry*, R.H.Castle, Wiley, 1234 (1969).
12. G.Modena and P.E.Tedesco, *Chem.Abstr.*, 55, 16542 (1961)  
(*Gazz chim ital.* 90, 702 (1960)).
13. G.Modena and P.E.Tedesco, *Gazz. Chim. ital*, 90, 702 (1960).
14. A.Donadoni, G.Modena and P.Tedesco, *Gazz.Chim.ital*, 91, 613(1961).
15. J.Poucart, J.Wasielski and E.Vander Bouckt, *Bull.Soc.Chim. Belges*, 75, 17 (1966).
16. R.Robinson, *Tetrahedron*, 1, 170 (1957).
17. A.R.Katritsky and J.M.Lagowski, *Chemistry of the heterocyclic N-Oxides*, Academic Press, pp 4, 13, (1971).
18. Huisgen, *Angew Chim.*, 75, 604 (1963),  
*Huisgen Angew Chim*, 75, 3 742, (1963).

19. Huigou, *Angew Chim.*, 75, 742 (1963).
20. R.N.Kosow *J.Am.Chem.Soc.*, 80, 3253 (1958).
21. R.Huigou *Angew Chim*, 75,  
742 (1963).
22. Halwin, Kaiser *J.Am.Chem.Soc.*, 87, 4114 (1965).  
ovalen, Weinshenker and Anselme, *J. Am. Chem. Soc.* 87 4119 (1965)
23. S.Takahasi and H.Kanow, *Tetrahedron Letters*, 1687 (1963).
24. S.Takahasi and H.Kanow, *J.Org.Chem.* 30, 1118 (1965).
25. R.Grigg, *Chem.Comm.* 607 (1966).
26. H.Scidl and Huigou, *Tetrahedron Letters*, 2023 (1963),  
Huigou, Scidl, Woff, *Chem Ber.* 102, 915 (1969).
27. Huigou and Scidl, *Tetrahedron Letters*, 2010 (1963).
28. Acheson, Bailly and Seby, *J.Chem.Soc.* 2066, (1967).
29. R.A.Abramovitch, Gring, R.B.Rogers, J.L.Alwood, H.D.Williams  
and S.Grider, *J.Org.Chem.* 37, 3563 (1972).
30. Abramovitch, Takaya *J.Org.Chem.* 37, 2022 (1972).
31. R.W.Acheson, G.J.P. Bond *J.Chem.Soc.* 246 (1956).
32. H.W.Heine and R.Peavy, *Tetrahedron Letters*, 3123 (1963).  
H.W.Heine and P.Scholar *ibid* 3667 (1964).
33. R.H.Medonald and P.A.Schwal *J.Am.Chem.Soc.* 86, 4863 (1964).  
J.K.Stille and D.D.Whitehurst *ibid* 4871 (1964).
34. E.C.Taylor and G.G.Spence *Chem.Comm.* 797, (1966).
35. Gyax P, Dasgupta P.K. and A.Eschenmoser, *Helv. Chim.Acta*  
55, 2205 (1972).
36. K.Muller and A.Eschenmoser, *Helv.Chim.Acta* 52, 1323 (1969).  
K.Muller, *Helv.Chim.Acta* 53, 1112 (1970).

- 37.(a) T.K.Dasgupta, D.Felix, U.M.Kempe A.Eschenmoser  
Helv.Chim.Acta 55, 2193 (1972).
- (b) P.Gygax, T.K.Dasgupta, A.Eschenmoser, Helv.Chim.Acta  
55, 2205 (1972).
- (c) S.Schatzmler, A.Eschenmoser, Helv. Chim.Acta  
56, 2975 (1973).
- (d) H.Fieser and L.F.Fieser, Reagents for Organic Synthesis  
Vol. 4 (John Wiley and Sons) 32, (1974).
38. P.Schiess, C.Monnier, P.Ringele and E.Sondi, Helv.Chim.Acta  
57, 1676 (1974).
39. T.Kato, H.Yamanaka, T.Adaichi and H.Hiranuma J.Org.Chem.  
32, 3733 (1967).
40. V.Boekelheide and W.J.Lian J.Am.Chem.Soc. 76, 1286 (1954).
41. Text book of Practical Organic Chemistry, A.I.Vogel  
Low Priced Text Book (E.L.B.S.).
42. Dictionary of Organic compounds Vol. 4 : J-Phial,  
Syre and Spottiswoode Publishers Ltd., London.
43. R.B.Woodward and R.Hoffmann, The conservation of orbital  
symmetry (Verlag Chemie, Academic Press), 113, 1970.
44. E.L.Elial, Stereochemistry of carbon compounds  
(McGraw Hill, Kagakusha Ltd) 349, 1962.
- 44.(a) K.Fukui, Theory of Orientation and Stere Selection in  
Topice in current chemistry, Vol. 13, No. 1 (Springer-  
Verlag) 1970.
- (b) K.Fukui and S.Inagaki, J.Am.Chem.Soc., 97 (4445) 1975.  
S.Inagaki, H.Fujimoto and K.Fukui, J.Am.Chem.Soc. 97  
(6103) 1975.

