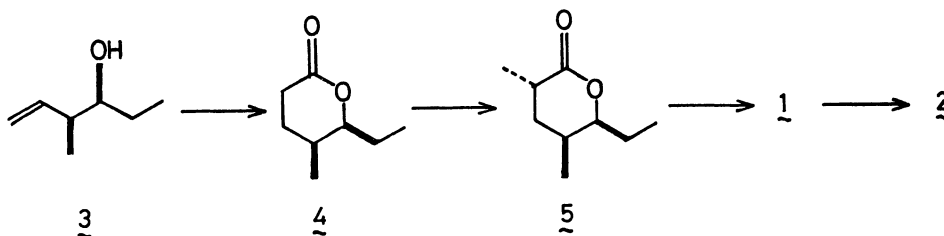


NMR spectral data were in accord with values reported in the literature.^{2b)} Thus, the present procedure provides the very short synthesis of natural serricornin (1). In addition, this result strongly indicates that the acyclic stereoselection using relative 1,2-asymmetric induction⁴⁾ provides a simple, direct tool for the synthesis of acyclic natural products.



Scheme 1.

References

- 1) a) T. Chuman, M. Kohno, K. Kato, and M. Noguchi, *Tetrahedron Lett.*, 1979, 2361; b) T. Chuman, K. Kato, and M. Noguchi, *Agric. Biol. Chem.*, 43, 2005 (1979).
- 2) a) K. Mori, H. Nomi, T. Chuman, M. Kohno, K. Kato, and M. Noguchi, *Tetrahedron Lett.*, 22, 1127 (1981); b) Idem, *Tetrahedron*, 38, 3705 (1982); c) M. Mori, T. Chuman, M. Kohno, K. Kato, M. Noguchi, H. Nomi, and K. Mori, *Tetrahedron Lett.*, 23, 667 (1982); d) M. Mori, T. Chuman, K. Kato, and K. Mori, *ibid.*, 23, 4593 (1982).
- 3) M. Ono, I. Onishi, T. Chuman, M. Kohno, and K. Kato, *Agric. Biol. Chem.*, 44, 2259 (1980); T. Chuman, M. Kohno, K. Kato, M. Noguchi, H. Nomi, and K. Mori, *ibid.*, 45, 2019 (1981); R. Baker and J. A. Devlin, *J. Chem. Soc., Chem. Commun.*, 1983, 147; R. W. Hoffmann, W. Helbig, and W. Ladner, *Tetrahedron Lett.*, 23, 3479 (1982); P. A. Bartlett, D. P. Richardson, and J. Myerson, *Tetrahedron*, 40, 2317 (1984); T. Fujisawa, K. Tajima, and T. Sato, *Chem. Lett.*, 1984, 1669.
- 4) F. Sato, M. Kusakabe, and Y. Kobayashi, *J. Chem. Soc., Chem. Commun.*, 1984, 1130; Y. Kobayashi, Y. Kitano, and F. Sato, *ibid.*, 1984, 1329.
- 5) J. J. Eisch and J. E. Galle, *J. Organometal. Chem.*, 160, C8 (1978).
- 6) P. G. M. Wuts, M. L. Obrzut, and P. A. Thompson, *Tetrahedron Lett.*, 25, 4051 (1984).
- 7) D. A. Evans, "Asymmetric Synthesis," ed by J. D. Morrison, Acad. Press, New York (1984), Vol. 3, pp. 54-56.

(Received January 25, 1985)