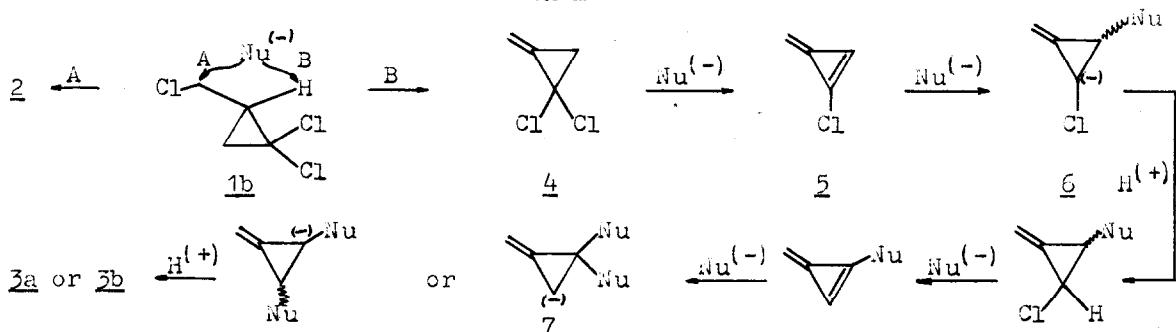
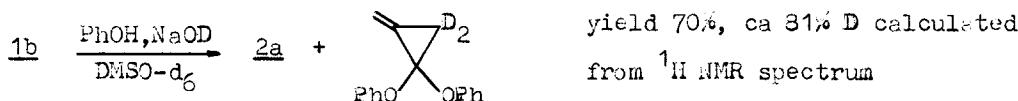


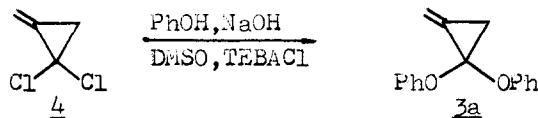
Scheme



The interaction of 1b which takes place with phenol in NaOD/DMSO-d₆ confirms that carbanions 6 and 7 are generated during the reaction course.



Methylenedichlorocyclopropane (4)⁵, a reactive intermediate reacts with phenolate to yield the anticipated product 3a⁶ according to Scheme, path B.



Our paper presents evidence for the intermediacy of substituted methylene-cyclopropanes as reactive intermediates⁴. We have also described a new, simple procedure for the preparation of methylenecyclopropane derivatives.

REFERENCES AND NOTES

1. Reactions of Organic Anions, Part CIII: A.Jończyk, T.Pytlewski, J.Org.Chem., in press.
2. K.Steinbeck, Liebigs Ann.Chem., 920 (1979).
3. Qualitatively similar results were obtained both with 1a and 1b, only the results with 1b are described in this paper.
4. For recent examples see: W.E.Billups, A.J.Blakeney and W.T.Chamberlain, J.Org.Chem., 41, 3771 (1976), and literature cited therein.
5. T.Greibrokk, Acta Chem.Scand., 27, 3207 (1973).
6. 3a1: ¹H NMR (CDCl₃) δ : 1.59-1.76 (m, 2H, Δ), 5.14-5.61 (m, 2H, CH₂=), 6.55-7.11 (m, 10H, Ar-H); ¹³C NMR (CDCl₃): 17.85 (t), 81.42 (s), 105.29 (s), 115.11 (d), 120.43 (d), 127.37 (d), 130.10 (s), 154.27 (s).

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