The compound (I) on a Grignard reaction gave an alcohol (IV), m.p. 177°-78° C. (Calc. for C_{14}H_{13}Br_{3}O : Br, 54·9 ; Found: 54·6). The latter on treatment with formic acid gave two compounds identified as 4-methylidiphenyl, m.p. 45°-46° C. and 2-methyl-4-phenyl-benzoic acid, m.p. 169°-70° C. Further reactions of the above compounds are being investigated.

p-Ethylphenol and 2, 4-xylenol were found to react similarly with carbon tetrachloride giving oils from which the 2, 4-dinitrohydrozones prepared had m.p. 169°-70° C. (Calc. for C_{15}H_{13}N_{4}O_{4}Cl_{2} : N, 13·3 ; Found: 13·5) and 166°-67° C. (Calc. for C_{13}H_{13}N_{4}O_{4}Cl_{2} : N, 13·3 ; Found: 13·6) respectively.

A detailed report of the work will be published in due course.

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October 14, 1960.


**SOME REACTIONS OF PHENOLS[I]**

p-Cresol derivatives are known to undergo the Zincke and Suhl reaction with carbon tetrachloride giving cyclohexadienone derivatives.\(^1\)\(^2\)

In the present investigation p-cresol has been reacted with carbon tetrabromide in the presence of anhydrous aluminium bromide to yield 4-methyl-4-tribromomethyl-2, 5-cyclohexadienone (I) of m.p. 146°-47° C. (Calc. for C_{8}H_{7}Br_{3}O : Br, 66·8 ; Found: 66·7). The 2, 4-dinitrophenyl hydrazone of (I) gave m.p. 167° C. (Calc. for C_{14}H_{11}Br_{3}N_{4}O_{4} : N, 10·4 ; Found: 10·7). In a similar manner 2, 6-dibromo-p-cresol and 3, 4-xylenol yielded with carbon tetrabromide the corresponding cyclohexadienone derivatives (II) and (III) having m.p. 99°-100° C. (Calc. for C_{8}H_{5}Br_{3}O : Br, 77·4 ; Found: 77·0) and 124°-25° C. (Calc. for C_{6}H_{5}Br_{3}O : Br, 64·3 ; Found: 64·7) respectively. They were characterised by the preparation of crystalline derivatives with 2, 4-dinitrophenylhydrazine.