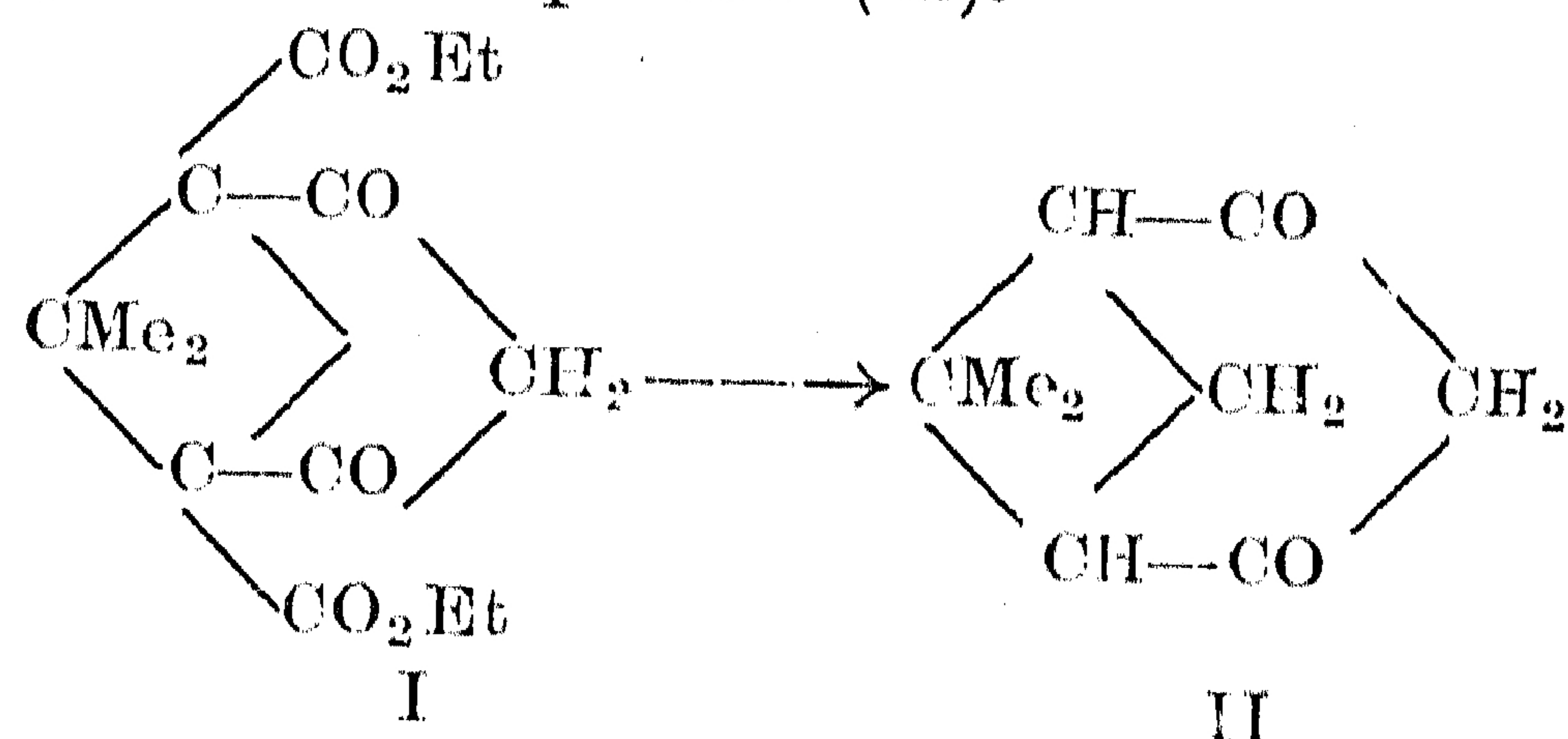


with methylene iodide when heated in a closed vessel at a high temperature to form the bridged ester (I) which on hydrolysis gives ketonopinone (II).



Succinosuccinic ester under similar conditions yields the 1:4-bridged compound.

This novel method has wide possibilities of application to the synthesis of bicyclic compounds in the terpene class.

P. C. GUHA.
K. N. GAIND.
D. R. MEHTA.

Department of Organic Chemistry,
Indian Institute of Science,
Bangalore,
July 31, 1933.

A New Method of Synthesis of Bicyclic Compounds.

THE attempts made by Guha and Patel (*J. Indian Inst. Se.*, **15A**, 125, 1932) to effect bridge formation between the 1:4 carbon atoms in *cyclohexane-2:3-dione-1:4-dicarboxylic ester* and by Guha and Mayuranathan (*Ibid.*, p. 131), between the 1:3 carbon atoms of Scheiber and Miesel's ester according to the conditions then employed were not successful.

We have now succeeded by a thorough modification of the experimental methods in effecting the desired bridge formations. The disodium derivative of Scheiber and Miesel's ester in benzene suspension reacts