

Strained Cyclopropenes. Synthesis and Reactions of 3-Isopropenyl-6-methylbicyclo[4.1.0]hept-1(7)-ene *in situ*

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Abstract - 7-Bromo-4-isopropenyl-1-methylbicyclo[4.1.0]heptane generated by electrochemical reduction of the corresponding dibromocyclopropane reacted with strong bases to give short-lived 3-isopropenyl-6-methylbicyclo[4.1.0]hept-1(7)-ene, whose formation was proved by Diels–Alder reactions with isoprene and alloocimene *in situ*. The reaction of 7-bromo-4-isopropenyl-1-methylbicyclo[4.1.0]heptane with 2-mercaptoethanol in the presence of potassium *tert*-butoxide demonstrated the possibility for formal replacement of the bromine atom in the substrate by sulfide moiety.