



Lactones 17 : synthesis of bicyclic lactones with the methyl-or *gem*dimethylcyclopropane system.

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Streszczenie

A new method of synthesis of bicyclic gamma-lactones with the methyl- or gem-dimethylcyclopropane system from gamma,delta unsaturated esters is described. The reaction of gamma-halo delta- lactones with DBU is the key step of this synthesis. The mechanism of the dehydrohalogenation-cyclization process of gamma-halo-delta-lactones is proposed. The structures of products were confirmed by both spectroscopic and crystallographic methods.

Słowa kluczowe

gamma-halo-delta-lactones, delta-halo-gamma-lactones, cyclization, DBU, elimination