

## Enantiospecific transformation of levoglucosenone into cycloheptene derivative

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### Abstract

With intramolecular aldol condensation (1S, 4S, 5S, 7S, 8R, 9R) of 7-acetoxy-5-acetoxy-methyl-8-methyl-6,11-dioxatricyclo [6.2.1.0<sup>4,9</sup>]undecan-2-ono obtained in five steps from the adduct of levo-glyukozenone and butadiene we synthesized tricyclic compound containing cycloheptene core with the overall yield of 55%.