

Chemoenzymatic Synthesis of (2*R*,6*R*,10*R*)-6,10,14-Trimethylpentadecan-2-ol, Sex Pheromone of Rice Moth (*Corcyra cephalonica*), and of Its (2*S*,6*R*,10*R*)-Diastereomer

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Received May 20, 2010

Abstract—Based on the catalyzed by lipase Amano PS kinetic separation of the two-component mixture of diastereomers of (2*RS*,6*R*,10*R*)-6,10,14-trimethylpentadecan-2-ol in the acylation with the succinic anhydride we obtained the (2*R*,6*R*,10*R*)-6,10,14-trimethylpentadecan-2-ol, the sex pheromone of rice moth (*Corcyra cephalonica*) and its (2*S*,6*R*,10*R*)-diastereomer.

DOI: 10.1134/S1070428011020217