

## **$\alpha$ -aminophosphonates and imines on the basis of citral, citronellal, and (-)-myrtenal**

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### **Abstract**

The Kabachnik-Fields reaction of citral with dialkyl phosphites in the presence alkyl amines; the imine formation reaction of E,Z-citral, R,S-citronellal, and (R)-(-)-myrtenal with primary amines; and Pudovik reactions of prenyl imines obtained with dialkyl phosphites or with O,O-dialkyl trimethylsilylphosphites were studied. On the basis of these studies, new unsaturated prenyl imines and  $\alpha$ -aminophosphonates were prepared. Copyright © Taylor & Francis Group, LLC.

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### **Keywords**

$\alpha$ -Aminophosphonates, (R)-(-)-myrtenal, Dialkyl phosphites, E,Z-citral, Imines, R,S-citronellal, Silylphosphites