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Three-component condensation of 3,4-dimethylanisole, isobutyric aldehyde and benzylcyanides

© Yuriy V. Shklayev,** Mikhail A. Eltsov, Yulia S. Rozkova, and Olga A. Maiorova
Institute of Engineering Chemistry at the Ural Branch of RAS. Acad. Korolev St., 3. Perm, 614013. Russia.
Fax:+7 (342) 237-82-62. E-mail: yushka@newmail.ru

*Supervising author; *Corresponding author

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Abstract

Three-component reaction of 3,4-dimethylanisole, isobutyric aldehyde and substituted benzylcyanides results in obtaining 1-benzyl-3,3-dimethyl-2-azaspiro[4,5]deka-6,9-diene-8-ons, which in the process of reaction undergo dienon-phenol rearrangement.