

Synthesis of new pinane-type hetarylsulfides

Startseva V., Bodrov A., Arefev A., Kuznetsov I., Lodochnikova O., Klochkov V., Nikitina L.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2014 Springer Science+Business Media New York. New bicyclic thioterpenoids with heterocyclic fragments were prepared via reactions of (-)- β -pinene and its oxide with 1-phenyl-1H-tetrazole-5-thiol, 1-methylimidazole-2-thiol, and 4,6-dimethyl-2-pyrimidinesulfenylchloride.

Keywords

(-)- β -pinene, 1-methylimidazole-2-thiol (methimazole), 1-phenyl-1H-tetrazole-5-thiol, 4,6-dimethyl-2-pyrimidinesulfenylchloride, Hetarylterpenesulfides, β -pinene oxide