

Subject area: Alkylation of 2-naphthol by terpenes with aluminium containing compounds. Part 2.

Alkylation of 2-naphthol with β -pinene

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Keywords: 2-naphthol, β -pinene, alkylation, aluminum phenolate, terpenophenols.

Abstract

For the first time investigated the alkylation of 2-naphthol with bicyclic monoterpene β -pinene in the presence of aluminum phenolate. The alkylation of 2-naphthol with β -pinene was found to be depend on molar ratio of reactants. The main products are esters chroman type. Feature of the alkylation of 2-naphthol with β -pinene is the formation of optically active of bornyl naphthols and bornyl esters.