

Synthesis and Reactions of Dehydracetic Acid Difluoroborane Complex

A. V. Manaev, K. V. Tambov, and V. F. Traven'

*Mendeleev Russian University of Chemical Engineering, Moscow, 125047 Russia
e-mail: traven@muctr.edu.ru*

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Abstract—Dehydracetic acid difluoroborane complex, 3-acetyl-6-methyl-2-oxo-2*H*-pyran-4-yl difluoridoborate, was synthesized and characterized. The complex was involved into condensation reactions at the acetyl group with various aromatic and heterocyclic aldehydes, and with the 4-dimethylaminobenzaldehyde it reacted also at the methyl group in the position 6.

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