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Synthesis and molecular structure of 4-acetyl-5-carboxymethyl-5-methyl-2-oxo-3-phenyloxolane

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Abstract

4t-Acetyl-5c-carboxymethyl-5t-methyl-2t-oxo-3r-phenyloxolane with oxolane ring in the form of "halfchair", trans-positioned pseudoequatorial phenyl - and acetyl group was obtained by peroxide oxidation of 2*t*,4*t*-diacetyl-5*t*-hydroxy-5*c*-methyl-3*r*-phenylcyclohexanone.

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