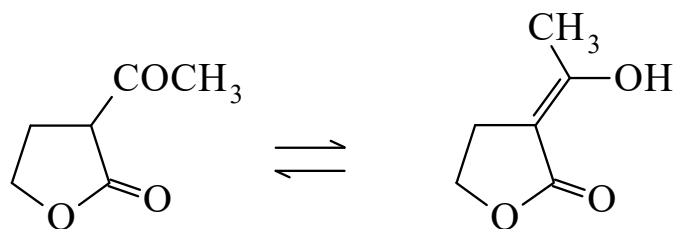




>>Entry Name: 3-Acetyldihydro-2(3H)-furanone, 9CI

Synonym(s): α -Acetylbutyrolactone. α -(2-Hydroxyethyl)acetoacetic acid γ -lactone. α -Acetobutyrolactone



CAS Registry Number: 517-23-7

Molecular Formula: $C_6H_8O_3$

Molecular Weight: 128.127

Accurate Mass: 128.047345

Percentage Composition: C 56.25%; H 6.29%; O 37.46%

General Statement: Enolised =10-20% in various solvs. at r.t.

Use/Importance: Useful synthetic intermed. Used in the synth. of 3,4-disubstituted pyridines

Physical Description: Liq. with ester-like odour

Boiling Point: Bp_{18} 130-132°

Aldrich: A1340-9

Fluka: 980

References:

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Knunyantz *et al.*, *CA*, 1934, **28**, 4383, (*synth*)

Zalukaev, L.P. *et al.*, *J. Org. Chem. USSR (Engl. Transl.)*, 1974, **10**, 994, (*tautom*)

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