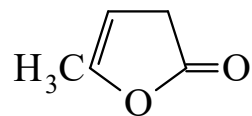




>>Entry Name: 5-Methyl-2(3H)-furanone, 9CI

Synonym(s): 4-Hydroxy-3-pentenoic acid γ -lactone. α -Angelica lactone. Δ^2 -Angelica lactone. Angelic lactone. FEMA 3296



CAS Registry Number: 591-12-8

Molecular Formula: C₅H₆O₂

Molecular Weight: 98.101

Accurate Mass: 98.03678

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Biological Source: Constit. of various plant spp.

Physical Description: Cryst. with sweet, herbaceous odour

Melting Point: Mp 18°

Boiling Point: Bp 167-170°. Bp₁₂ 53°

Solubility: Sl. sol. H₂O

Other Data: Readily isom. to 5-Methyl-2(5H)-furanone [HFB18-V](#)

Hazard & Toxicity: LD₅₀ (mus, orl) 2800 mg/kg

Aldrich: W32930-4

Fluka: 10380

References:

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