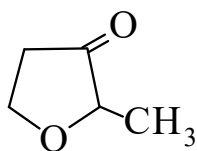




>>Entry Name: Dihydro-2-methyl-3(2*H*)-furanone, 9CI
ENTRY UNDER REVIEW
Synonym(s): Tetrahydro-2-methyl-3-furanone. FEMA 3373



CAS Registry Number: 3188-00-9
Related CAS Registry Numbers(s): 36541-25-0

Molecular Formula: C₅H₈O₂
Molecular Weight: 100.117
Accurate Mass: 100.05243
Percentage Composition: C 59.98%; H 8.05%; O 31.96%

Aldrich: 27748-7
Fluka: 37330

>>Variant: (±)-form

Molecular Formula: C₅H₈O₂
Molecular Weight: 100.117
Accurate Mass: 100.05243
Percentage Composition: C 59.98%; H 8.05%; O 31.96%
Physical Description: Liq.
Boiling Point: Bp 139°
Density: d₄²⁵ 1.022
Refractive Index: n_D²⁵ 1.4278

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Yellow-orange cryst. (EtOH)
Melting Point: Mp 179-181°

>>Variant: (ξ)-form

Molecular Formula: C₅H₈O₂
Molecular Weight: 100.117
Accurate Mass: 100.05243
Percentage Composition: C 59.98%; H 8.05%; O 31.96%
Use/Importance: Flavouring ingredient

References:

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