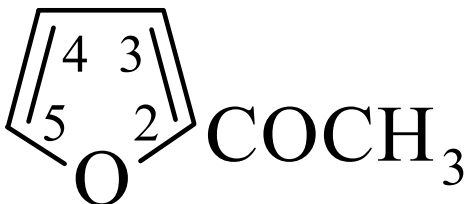




>>Entry Name: 2-Acetylfuran

ENTRY UNDER REVIEW

Synonym(s): 1-(2-Furanyl)ethanone, 9CI. 2-Acetofurone. α -Furyl methyl ketone. FEMA 3163



CAS Registry Number: 1192-62-7

WE9900 VF2000

Molecular Formula: $C_6H_6O_2$

Molecular Weight: 110.112

Accurate Mass: 110.03678

Percentage Composition: C 65.45%; H 5.49%; O 29.06%

Use/Importance: Contributes to aroma of many foods and beverages. Used in flavour compositions

Physical Description: Liq. or cryst. with sweet balsamic odour

Melting Point: Mp 33°

Boiling Point: Bp 173°. Bp₁₀ 67°

Aldrich: A1625-4

Fluka: 48200

>>Derivative: Oxime

Molecular Formula: $C_6H_7NO_2$

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

Physical Description: Prisms (Et₂O/petrol)

Melting Point: Mp 104°

>>Derivative: Semicarbazone

Physical Description: Plates (MeOH)

Melting Point: Mp 150°