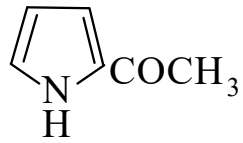
>>**Entry Name: 2-Acetylpyrrole**
ENTRY UNDER REVIEW
Synonym(s): 1-(1*H*-Pyrrol-2-yl)ethanone, 9CI. Methyl 2-pyrryolyl ketone. 2-Acetopyrrole. Pseudoacetylpyrrole. FEMA 3202



CAS Registry Number: 1072-83-9

Molecular Formula: C_6H_7NO
Molecular Weight: 109.127
Accurate Mass: 109.052764
Percentage Composition: C 66.04%; H 6.47%; N 12.84%; O 14.66%
Biological Source: Found in *Valeriana officinalis, Camellia sinensis, Paeonia moutan* (Chinese drug Botanpi), *Lycium chinense* (Valerianaceae, Theaceae, Peoniaceae, Solanaceae). Prod. by *Streptomyces* sp. A-5071
Use/Importance: Organoleptic which contributes to many aromas, including tobacco smoke. Possesses hepatoprotective props. Flavouring agent
Physical Description: Cryst. (petrol) with bread-like odour
Melting Point: Mp 90°
Boiling Point: Bp 220°
Solubility: Sol. H_2O
UV: [neutral] λ_{max} 247 (); 287 () (MeOH) (Berdy)

Aldrich: 24735-9
Fluka: 1455

>>**Derivative:** Oxime

CAS Registry Number: 63547-59-1
Molecular Formula: $C_6H_8N_2O$
Molecular Weight: 124.142
Accurate Mass: 124.063663
Percentage Composition: C 58.05%; H 6.50%; N 22.57%; O 12.89%
Melting Point: Mp 145-146°

>>**Derivative:** Phenylhydrazone

Melting Point: Mp 146°

>>**Derivative:** 2,4-Dinitrophenylhydrazone

Physical Description: Reddish-brown cryst.
Melting Point: Mp 297 dec.°

>>**Derivative:** Semicarbazone

Melting Point: Mp 190°

>>**Derivative:** *N*-Me

CAS Registry Number: 932-16-1
Molecular Formula: C_7H_9NO
Molecular Weight: 123.154
Accurate Mass: 123.068414
Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%
Boiling Point: Bp 200-202°
Refractive Index: n_D^{20} 1.5420
Aldrich: 16086-5