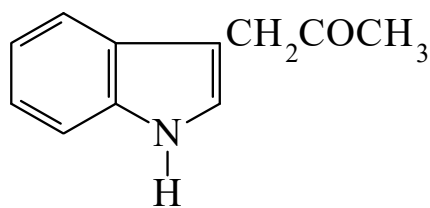




>>Entry Name: 1-(1*H*-Indol-3-yl)-2-propanone, 9Cl

Synonym(s): Indol-3-ylacetone. 3-Acetylindole



CAS Registry Number: 1201-26-9

Molecular Formula: C₁₁H₁₁NO

Molecular Weight: 173.214

Accurate Mass: 173.084064

Percentage Composition: C 76.28%; H 6.40%; N 8.09%; O 9.24%

Physical Description: Cryst. (toluene)

Melting Point: Mp 118-119°

Sigma: I1500

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Orange-red prisms (MeOH/EtOAc)

Melting Point: Mp 161-163°

References:

Brown, J.B. *et al.*, *J.C.S.*, 1952, 3172, (*synth*)

Nichols, D.E. *et al.*, *J. Med. Chem.*, 1988, **31**, 1406, (*synth, pmr, ir*)