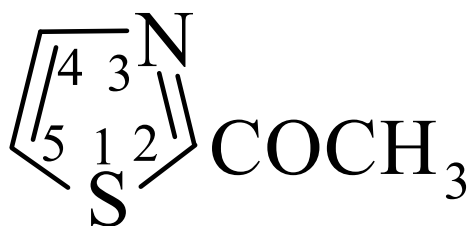




>>Entry Name: 2-Acetylthiazole

ENTRY UNDER REVIEW

Synonym(s): 1-(2-Thiazolyl)ethanone, 9CI. Methyl 2-thiazolyl ketone, 8CI. FEMA 3328



CAS Registry Number: 24295-03-2

Molecular Formula: C₅H₅NOS

Molecular Weight: 127.167

Accurate Mass: 127.009184

Percentage Composition: C 47.23%; H 3.96%; N 11.01%; O 12.58%; S 25.22%

Use/Importance: Important flavour component; antioxidant

Boiling Point: Bp₁₅ 98-102°

Aldrich: 28841-1

Fluka: 1470

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1494D, (*ir*)

Hartman, G.J. *et al.*, *J. Agric. Food Chem.*, 1983, **31**, 1030, (*isol*)

Medici, A. *et al.*, *Tet. Lett.*, 1983, **24**, 2901, (*synth*)

Dondoni, A. *et al.*, *J.O.C.*, 1991, **56**, 5294, (*synth, ir, pmr, cmr*)