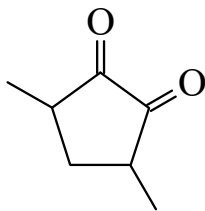




>>Entry Name: 3,5-Dimethyl-1,2-cyclopentanedione, 9CI

ENTRY UNDER REVIEW

Synonym(s): 2-Hydroxy-3,5-dimethyl-2-cyclopenten-1-one, 9CI. FEMA 3269



CAS Registry Number: 13494-07-0

Type of Compound Code(s): VS0450 WE9999

Molecular Formula: C₇H₁₀O₂

Molecular Weight: 126.155

Accurate Mass: 126.06808

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Biological Source: Constit. of coffee and cooked cured pork

Use/Importance: Flavouring agent

Melting Point: Mp 91-92°

References:

Gianturco, M.A. *et al.*, *Tetrahedron*, 1963, **19**, 2039; 2051, (*isol, synth, struct*)

Sato, K. *et al.*, *J.O.C.*, 1973, **38**, 551, (*synth*)

Cookson, R.C. *et al.*, *Chem. Comm.*, 1976, 804, (*synth*)