



>>Entry Name: **3-Hydroxy-4-methylbenzaldehyde**

Synonym(s): 3-Hydroxy-*p*-tolualdehyde. *o*-Cresol-5-aldehyde. 3,4-Cresotaldehyde. 5-Formyl-2-methylphenol

CAS Registry Number: 57295-30-4

Molecular Formula: C₈H₈O₂

Molecular Weight: 136.15

Accurate Mass: 136.05243

Percentage Composition: C 70.58%; H 5.92%; O 23.50%

Physical Description: Yellow needles (H₂O)

Melting Point: Mp 73-74°

>>Derivative: Me ether

Synonym(s): 3-Methoxy-4-methylbenzaldehyde

CAS Registry Number: 24973-22-6

Molecular Formula: C₉H₁₀O₂

Molecular Weight: 150.177

Accurate Mass: 150.06808

Percentage Composition: C 71.98%; H 6.71%; O 21.31%

Physical Description: Cryst. (Et₂O/hexane)

Melting Point: Mp 45-46°

References:

Sidgwick, N.V. *et al.*, *J.C.S.*, 1923, **123**, 2819

Leitich, J. *et al.*, *Monatsh. Chem.*, 1962, **93**, 566; 1964, **95**, 129

Flitsch, W. *et al.*, *Annalen*, 1985, 1413, (*synth*)

Cannon, J.G. *et al.*, *J. Med. Chem.*, 1989, **32**, 2210, (*Me ether, synth*)