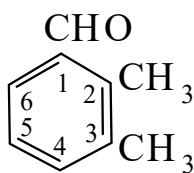




>>Entry Name: **2,3-Dimethylbenzaldehyde**

Synonym(s): Hemellitaldehyde



CAS Registry Number: 5779-93-1

Molecular Formula: C₉H₁₀O

Molecular Weight: 134.177

Accurate Mass: 134.073165

Percentage Composition: C 80.56%; H 7.51%; O 11.92%

Boiling Point: Bp₁₀ 86-88°

Other Data: Oxidized very readily in air

>>Derivative: Oxime

Molecular Formula: C₉H₁₁NO

Molecular Weight: 149.192

Accurate Mass: 149.084064

Percentage Composition: C 72.46%; H 7.43%; N 9.39%; O 10.72%

Melting Point: Mp 80-82°. Mp 92-94.5°

>>Derivative: Semicarbazone

Physical Description: Leaflets

Melting Point: Mp 221-223°

References:

Brunner, O. *et al.*, *Monatsh. Chem.*, 1933, **63**, 79, (*synth*)

Hunsberger, M., *J.A.C.S.*, 1955, **77**, 2466, (*synth*)