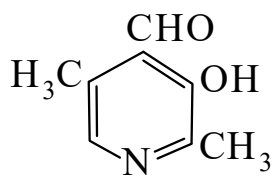




>>Entry Name: 3-Hydroxy-2,5-dimethyl-4-pyridinecarboxaldehyde

Synonym(s): 5-Deoxypyridoxal



CAS Registry Number: 1849-49-6

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

Physical Description: Yellow cryst. (petrol or by subl.)

Melting Point: Mp 108-109°

>>Derivative: Hydrochloride

CAS Registry Number: 875-27-4

Melting Point: Mp 191-193 dec.°

>>Derivative: Oxime

CAS Registry Number: 826-71-1

Molecular Formula: C₈H₁₀N₂O₂

Molecular Weight: 166.179

Accurate Mass: 166.074228

Percentage Composition: C 57.82%; H 6.07%; N 16.86%; O 19.26%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 239-240 dec.°

References:

Harris, S.A. *et al.*, *J.A.C.S.*, 1953, **75**, 653

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Iwata, C., *Biochem. Prep.*, 1968, **12**, 117