



>>Entry Name: 2-Methyl-4-pyridinecarboxaldehyde, 9CI

Synonym(s): 2-Methylisonicotinaldehyde, 8CI. 4-Formyl-2-methylpyridine

CAS Registry Number: 63875-01-4

Molecular Formula: C₇H₇NO

Molecular Weight: 121.138

Accurate Mass: 121.052764

Percentage Composition: C 69.41%; H 5.82%; N 11.56%; O 13.21%

Physical Description: Liq.

Boiling Point: Bp_{0.5} 53-54°

>>Derivative: Oxime

CAS Registry Number: 1195-38-6

Molecular Formula: C₇H₈N₂O

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Cryst.

Melting Point: Mp 158.5-160° (154-156°)

References:

Mathes, W. *et al.*, *Chem. Ber.*, 1955, **88**, 1276, (*synth*)

Forman, S.E., *J.O.C.*, 1964, **29**, 3323, (*oxime*)

Arena, F. *et al.*, *J. Med. Chem.*, 1975, **18**, 1147, (*synth*)

Yamanaka, H. *et al.*, *Chem. Pharm. Bull.*, 1977, **25**, 1821, (*synth, ir, pmr*)