



>>Entry Name: 3-Methyl-4-pyridinecarboxaldehyde, 9CI

Synonym(s): 3-Methylisonicotinaldehyde, 8CI. 4-Formyl-3-methylpyridine

CAS Registry Number: 74663-96-0

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} 61°

>>Derivative: Phenylhydrazone

Physical Description: Yellow flakes (EtOH)

Melting Point: Mp 185-186°

>>Derivative: Thiosemicarbazone

Melting Point: Mp 242-244°

References:

Pat. Coop. Treaty (WIPO), 1997, 9 718 204; *CA*, **127**, 65774r, (*synth, pmr*)

Dunn, A.D., *Org. Prep. Proced. Int.*, 1999, **31**, 120-123, (*synth, pmr*)