



>>Entry Name: 3-Nitro-4-pyridinecarboxaldehyde

Synonym(s): 4-Formyl-3-nitropyridine

CAS Registry Number: 153813-70-8

Molecular Formula: C₆H₄N₂O₃

Molecular Weight: 152.109

Accurate Mass: 152.022193

Percentage Composition: C 47.38%; H 2.65%; N 18.42%; O 31.56%

Physical Description: Needles by subl.

Melting Point: Mp 53-54° (45-55°)

>>Derivative: Dihydrate

Physical Description: Tan needles (H₂O)

Melting Point: Mp 79-82°. Mp 91-93°

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Bright yellow solid

Melting Point: Mp 258°

References:

Baumgarten, H.E. *et al.*, *J.A.C.S.*, 1955, **77**, 2438, (*synth*)

Uehling, D.E. *et al.*, *J. Med. Chem.*, 1995, **38**, 1106, (*synth, pmr*)