



>>Entry Name: 3-Nitro-2-pyridinecarboxylic acid, 9CI

Synonym(s): 3-Nitropicolinic acid, 8CI

CAS Registry Number: 59290-85-6

Molecular Formula: C₆H₄N₂O₄

Molecular Weight: 168.109

Accurate Mass: 168.017108

Percentage Composition: C 42.87%; H 2.40%; N 16.66%; O 38.07%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 105 dec.°

>>Derivative: Me ester

Molecular Formula: C₇H₆N₂O₄

Molecular Weight: 182.135

Accurate Mass: 182.032758

Percentage Composition: C 46.16%; H 3.32%; N 15.38%; O 35.14%

Melting Point: Mp 59.5-60.5°

References:

Brown, E.V., *J.A.C.S.*, 1954, **76**, 3167, (*synth*)

Charton, M. *et al.*, *Chem. Scr.*, 1985, **25**, 334, (*synth, ir, pmr, ester*)