



>>Entry Name: 4-Hydroxy-2-pyridinecarboxylic acid, 9CI

Synonym(s): 4-Hydroxypicolinic acid

CAS Registry Number: 22468-26-4

Molecular Formula: C₆H₅NO₃

Molecular Weight: 139.11

Accurate Mass: 139.026944

Percentage Composition: C 51.80%; H 3.62%; N 10.07%; O 34.50%

Physical Description: Prisms (H₂O)

Melting Point: Mp 261-262° (258° dec.)

>>Derivative: Me ether, Me ester

Synonym(s): Methyl 4-methoxypicolinate

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Physical Description: Light yellow solid

Melting Point: Mp 48-50°

References:

Clark-Lewis, J.W. *et al.*, *J.C.S.*, 1961, 189, (*synth*)

Kearney, P.C. *et al.*, *J. Agric. Food Chem.*, 1985, **33**, 953, (*glc, ms*)

Sundberg, R.J. *et al.*, *Org. Prep. Proced. Int.*, 1997, **29**, 117, (*Me ether Me ester*)