



>>Entry Name: 3,6-Dimethyl-2-pyridinecarboxylic acid, 9Cl

Synonym(s): 3,6-Dimethylpicolinic acid, 8Cl

CAS Registry Number: 83282-46-6

Structure by analogy with 2,3-Dimethyl-4-pyridinecarboxylic acid, [GDQ08-Q](#)

Molecular Formula: C₈H₉NO₂

Molecular Weight: 151.165

Accurate Mass: 151.063329

Percentage Composition: C 63.57%; H 6.00%; N 9.27%; O 21.17%

Physical Description: No phys. props. reported

>>Derivative: Me ester

CAS Registry Number: 215436-32-1

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Oil

>>Derivative: Nitrile

Synonym(s): 3,6-Dimethyl-2-pyridinecarbonitrile, 9Cl. 3,6-Dimethylpicolinonitrile, 8Cl. 2-Cyano-3,6-dimethylpyridine

CAS Registry Number: 68164-77-2

Molecular Formula: C₈H₈N₂

Molecular Weight: 132.165

Accurate Mass: 132.068748

Percentage Composition: C 72.70%; H 6.10%; N 21.20%

Melting Point: Mp 49-50°

References:

Fleury, J.-P. *et al.*, *Bull. Soc. Chim. Fr.*, Part II, 1978, 47-52, (*nitrile, synth, pmr, ir*)

Renslo, A.R., *J.O.C.*, 1998, **63**, 7840-7850, (*Me ester, synth, ir*)