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>>Entry Name: 2-Methyl-6-quinolinecarboxylic acid, 9CI

Synonym(s): Quinaldine-6-carboxylic acid

CAS Registry Number: 635-80-3

Molecular Formula: C<sub>11</sub>H<sub>9</sub>NO<sub>2</sub>

Molecular Weight: 187.198

Accurate Mass: 187.063329

Percentage Composition: C 70.58%; H 4.85%; N 7.48%; O 17.09%

Physical Description: Needles (EtOH)

Melting Point: Mp 260° (darkens 235°)

Solubility: Spar. sol. hot H<sub>2</sub>O

Other Data: Sublimes

>>Derivative: Me ester

Molecular Formula: C<sub>12</sub>H<sub>11</sub>NO<sub>2</sub>

Molecular Weight: 201.224

Accurate Mass: 201.078979

Percentage Composition: C 71.63%; H 5.51%; N 6.96%; O 15.90%

Melting Point: Mp 105°

#### References:

v. Miller, W., *Ber.*, 1890, **23**, 2253, (*synth*)

Mills, W.H. *et al.*, *J.C.S.*, 1921, 1294

Bottino, F.A. *et al.*, *J. Het. Chem.*, 1989, **26**, 929, (*ester*)