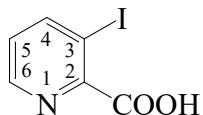




>>Entry Name: 3-Iodo-2-pyridinecarboxylic acid

Synonym(s): 3-Iodopicolinic acid



CAS Registry Number: 73841-32-4

Molecular Formula: C₆H₄INO₂

Molecular Weight: 249.008

Accurate Mass: 248.928677

Percentage Composition: C 28.94%; H 1.62%; I 50.96%; N 5.63%; O 12.85%

Physical Description: Leaflets

Melting Point: Mp 143-148° (137-138°)

Solubility: Sol. hot H₂O

>>Derivative: Hydroiodide

Physical Description: Yellow solid (conc. HI)

Melting Point: Mp 188°

>>Derivative: Me ester

CAS Registry Number: 73841-41-5

Molecular Formula: C₇H₆INO₂

Molecular Weight: 263.034

Accurate Mass: 262.944327

Percentage Composition: C 31.96%; H 2.30%; I 48.25%; N 5.33%; O 12.17%

Physical Description: Bright yellow oil which solidifies at r.t.

Melting Point: Mp 38-40°

References:

Graf, R., *J. Prakt. Chem.*, 1937, **148**, 13, (*synth*)

Ger. Pat., 1991, 4 029 466; *CA*, **116**, 106288d, (*synth*)

Epszajn, J. *et al.*, *Synth. Commun.*, 1997, **27**, 1075-1086, (*Me ester*)