



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

Synonym(s): 2-Iodoisonicotinic acid

CAS Registry Number: 58481-10-0

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%

Melting Point: Mp 218-220°. Mp 246-248° (dec.)

>>Derivative: Me ester

CAS Registry Number: 134579-47-8

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: Cryst.

Melting Point: Mp 40-42°

>>Derivative: Hydrazide

CAS Registry Number: 29247-87-8

Molecular Formula: C₆H₆IN₃O

Molecular Weight: 263.037

Accurate Mass: 262.95556

Percentage Composition: C 27.40%; H 2.30%; I 48.25%; N 15.97%; O 6.08%

Physical Description: Solid (2-propanol)

Melting Point: Mp 174-175° (155-156°)

References:

Seydel, J.K. *et al.*, *J. Med. Chem.*, 1976, **19**, 483-491, (*synth, hydrazide*)

Somawardhana, C.W. *et al.*, *Appl. Radiat. Isot.*, 1991, **42**, 215-220, (*synth, hydrazide, uv, pmr*)