



>>Entry Name: 6-Iodo-3-pyridinecarboxylic acid, 9CI

Synonym(s): 6-Iodonicotinic acid

CAS Registry Number: 13054-02-9

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: Cryst. (MeOH)

Melting Point: Mp 189-190° (177-179°)

>>Derivative: Me ester

CAS Registry Number: 173157-33-0

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: Solid (MeOH)

Melting Point: Mp 134-135°

>>Derivative: Et ester

CAS Registry Number: 151917-39-4

Molecular Formula: C₈H₈INO₂

Molecular Weight: 277.061

Accurate Mass: 276.959977

Percentage Composition: C 34.68%; H 2.91%; I 45.80%; N 5.06%; O 11.55%

Physical Description: Needles

Melting Point: Mp 48-49°

References:

Klingsberg, E., *J.A.C.S.*, 1950, **72**, 1031, (*synth*)

Newkome, G.R. *et al.*, *J.O.C.*, 1986, **51**, 953-954, (*synth*, *pmr*)

Pat. Coop. Treaty (WIPO), 1997, *Allergan*, 97 09 297; *CA*, **126**, 277406b, (*synth*, *pmr*)