



Physical Description: Needles (EtOH), cryst. (C₆H₆)

Melting Point: Mp 238-240° (234.5° subl.)

>>**Derivative:** Me ether, Me ester

CAS Registry Number: 35387-93-0

Molecular Formula: C₉H₉IO₃

Molecular Weight: 292.073

Accurate Mass: 291.959643

Percentage Composition: C 37.01%; H 3.11%; I 43.45%; O 16.43%

Physical Description: Cryst. (petrol)

Melting Point: Mp 94-95°

>>**Derivative:** Me ether, chloride

Molecular Formula: C₈H₆ClIO₂

Molecular Weight: 296.491

Accurate Mass: 295.910105

Percentage Composition: C 32.41%; H 2.04%; Cl 11.96%; I 42.80%; O 10.79%

Physical Description: Needles (hexane/CH₂Cl₂)

Melting Point: Mp 57-58°

Boiling Point: Bp₅ 152-156°

>>**Derivative:** Et ether

Synonym(s): 4-Ethoxy-3-iodobenzoic acid

Molecular Formula: C₉H₉IO₃

Molecular Weight: 292.073

Accurate Mass: 291.959643

Percentage Composition: C 37.01%; H 3.11%; I 43.45%; O 16.43%

Physical Description: Scales by subl.

Melting Point: Mp 215°

References:

- Willgerodt, C. *et al.*, *Annalen*, 1912, **389**, 292-305, (*Et ether*)
King, L.C. *et al.*, *J.A.C.S.*, 1945, **67**, 2089-2092, (*synth*)
Nakazawa, K., *Chem. Pharm. Bull.*, 1962, **10**, 1032-1038, (*Me ether chloride*)
Covello, M., *Eur. J. Med. Chem. (Chim. Ther.)*, 1967, **2**, 73-85; *CA*, **67**, 63992d, (*esters*)
Edgar, K.J. *et al.*, *J.O.C.*, 1990, **55**, 5287-5291, (*synth, pmr, cmr*)
Vasil'ev, A.A. *et al.*, *J.O.C.*, 1998, **63**, 3911-3917, (*Me ester, nitrile, synth*)
Zembower, D.E. *et al.*, *J.O.C.*, 1998, **63**, 9300-9305, (*Me ether chloride*)
Muraki, T. *et al.*, *J.O.C.*, 1999, **64**, 2883-2889, (*Me ether Me ester, synth, ir, pmr*)