>>**Entry Name: 4-Iodophenol**

CAS Registry Number: 540-38-5

Molecular Formula: C_6H_5IO
Molecular Weight: 220.009
Accurate Mass: 219.938513
Percentage Composition: C 32.76%; H 2.29%; I 57.68%; O 7.27%
Physical Description: Needles (H_2O)
Melting Point: Mp 92-94°
pKa Value: pK_a 9.33 (25°)

Aldrich: I-1020-1
Fluka: 58020

>>**Derivative:** 4-Methylbenzenesulfonyl

CAS Registry Number: 24962-55-8
Physical Description: Cryst. (MeOH)
Melting Point: Mp 97-99°

>>**Derivative:** Me ether
Synonym(s): 1-Iodo-4-methoxybenzene. 4-Iodoanisole. Isoform

CAS Registry Number: 696-62-8
Molecular Formula: C_7H_7IO
Molecular Weight: 234.036
Accurate Mass: 233.954163
Percentage Composition: C 35.92%; H 3.01%; I 54.22%; O 6.84%
Physical Description: Needles (MeOH aq.)
Melting Point: Mp 51-52°
Boiling Point: Bp_{726} 237°. Bp_{25} 139°
Aldrich: I-760-8
Fluka: 57720

>>**Derivative:** Et ether
Synonym(s): 1-Iodo-4-ethoxybenzene. 4-Iodophenetole

CAS Registry Number: 699-08-1
Molecular Formula: C_8H_9IO
Molecular Weight: 248.063
Accurate Mass: 247.969813
Percentage Composition: C 38.74%; H 3.66%; I 51.16%; O 6.45%
Physical Description: Cryst. (MeOH aq.)
Melting Point: Mp 28-29°

>>**Derivative:** Trifluoromethyl ether

CAS Registry Number: 103962-05-6
Molecular Formula: $C_7H_4F_3IO$
Molecular Weight: 288.008
Accurate Mass: 287.925897
Percentage Composition: C 29.19%; H 1.40%; F 19.79%; I 44.06%; O 5.56%
Boiling Point: Bp_{15} 74-76°

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