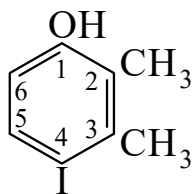




>>Entry Name: 4-Iodo-2,3-dimethylphenol

Synonym(s): 4-Iodo-2,3-xyleneol, 8CI



CAS Registry Number: 17938-69-1

Molecular Formula: C₈H₉IO

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. (hexane)

Melting Point: Mp 82-83°

>>Derivative: Me ether

Synonym(s): 1-Iodo-4-methoxy-2,3-dimethylbenzene. 4-Iodo-2,3-dimethylanisole

Molecular Formula: C₉H₁₁IO

Molecular Weight: 262.1

Accurate Mass: 261.985463

Percentage Composition: C 41.24%; H 4.24%; I 48.42%; O 6.10%

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 28-30°

References:

Lockemann, G. *et al.*, *Angew. Chem.*, 1933, **46**, 296, (*synth*)

Heicken, K., *Angew. Chem.*, 1939, **52**, 263, (*synth*)

Tsuji, N., *Tetrahedron*, 1968, **24**, 1765, (*synth, pmr, ir*)

Panetta, C.A. *et al.*, *J.O.C.*, 1995, **60**, 7953, (*Me ether, synth, ir, pmr, cmr*)