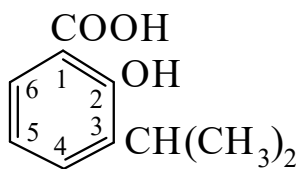




>>Entry Name: 2-Hydroxy-3-isopropylbenzoic acid

Synonym(s): 2-Hydroxy-3-(1-methylethyl)benzoic acid, 9CI. 3-Isopropylsalicylic acid, 8CI



CAS Registry Number: 7053-88-5

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Physical Description: Rhomboidal plates (hexane)

Melting Point: Mp 71-72°

pKa Value: pK_{a1} 2.76 (25°, 0.1M NaClO₄)

Aldrich: 34366-8

>>Derivative: Me ether

Synonym(s): 3-Isopropyl-2-methoxybenzoic acid

CAS Registry Number: 73469-52-0

Molecular Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

Accurate Mass: 194.094295

Percentage Composition: C 68.02%; H 7.26%; O 24.71%

Physical Description: Cryst. (hexane)

Melting Point: Mp 67.5-68.5°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1095C, (*nmr*)

Seki, S., *Nippon Kagaku Zasshi*, 1959, **80**, 667, (*synth*)

Zaverin, E. *et al.*, *J.O.C.*, 1961, **26**, 173