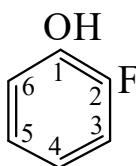




>>Entry Name: 2-Fluorophenol, 9CI



CAS Registry Number: 367-12-4

Molecular Formula: C₆H₅FO

Molecular Weight: 112.103

Accurate Mass: 112.032443

Percentage Composition: C 64.29%; H 4.50%; F 16.95%; O 14.27%

Physical Description: Liq. or cryst.

Melting Point: Mp 16°

Boiling Point: Bp 154°. Bp₁₀ 46°

pKa Value: pK_a 8.7 (25°)

Hazard & Toxicity: Flammable, fl. p. 47°. LD₅₀ (mus, ipr) 537 mg/kg

Aldrich: F1280-4

Fluka: 47260

Sigma: F3751

Supelco: 44-2350

>>Derivative: Ac

CAS Registry Number: 29650-44-0

Molecular Formula: C₈H₇FO₂

Molecular Weight: 154.14

Accurate Mass: 154.043008

Percentage Composition: C 62.34%; H 4.58%; F 12.33%; O 20.76%

Boiling Point: Bp₁₃ 79-80°

>>Derivative: Me ether

Synonym(s): 1-Fluoro-2-methoxybenzene. *o*-Fluoroanisole

CAS Registry Number: 321-28-8

Molecular Formula: C₇H₇FO

Molecular Weight: 126.13

Accurate Mass: 126.048093

Percentage Composition: C 66.66%; H 5.59%; F 15.06%; O 12.68%

Melting Point: Mp -39°

Boiling Point: Bp₂₆ 69-70°

Aldrich: F420-3

Fluka: 46500

Sigma: F2628

>>Derivative: Et ether

Synonym(s): 1-Ethoxy-2-fluorobenzene. *o*-Fluorophenetole

CAS Registry Number: 451-80-9

Molecular Formula: C₈H₉FO

Molecular Weight: 140.157

Accurate Mass: 140.063743

Percentage Composition: C 68.56%; H 6.47%; F 13.56%; O 11.42%

Melting Point: Mp -16.7°

Boiling Point: Bp 171-174°. Bp₁₁ 64°

Rare Chemicals Library: S36208-5

References: