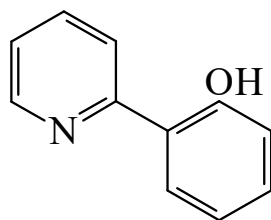




>>Entry Name: 2-(2-Hydroxyphenyl)pyridine

Synonym(s): 2-(2-Pyridinyl)phenol, 9CI



CAS Registry Number: 33421-36-2

Molecular Formula: C₁₁H₉NO

Molecular Weight: 171.198

Accurate Mass: 171.068414

Percentage Composition: C 77.17%; H 5.30%; N 8.18%; O 9.35%

Use/Importance: Used as soln. in aq. EtOH for fluorimetric detn. of Be

Physical Description: Cryst. (petrol)

Melting Point: Mp 56-57°

Solubility: Sol. common org. solvs.; spar. sol. H₂O

>>Derivative: Picrate

CAS Registry Number: 98061-31-5

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 177-179°

>>Derivative: Me ether

Synonym(s): 2-(2-Methoxyphenyl)pyridine

CAS Registry Number: 5957-89-1

Molecular Formula: C₁₂H₁₁NO

Molecular Weight: 185.225

Accurate Mass: 185.084064

Percentage Composition: C 77.81%; H 5.99%; N 7.56%; O 8.64%

Physical Description: Oil

Boiling Point: Bp_{0.01} 92-95°

>>Derivative: Me ether, picrate

CAS Registry Number: 157140-77-7

Physical Description: Yellow needles (Me₂CO)

Melting Point: Mp 158-159°

>>Derivative: Me ether, *N*-oxide

CAS Registry Number: 93953-41-4

Molecular Formula: C₁₂H₁₁NO₂

Molecular Weight: 201.224

Accurate Mass: 201.078979

Percentage Composition: C 71.63%; H 5.51%; N 6.96%; O 15.90%

Physical Description: Cryst. (toluene)

Melting Point: Mp 169-171°

>>Derivative: *N*-Oxide

CAS Registry Number: 93953-42-5

Molecular Formula: C₁₁H₉NO₂

Molecular Weight: 187.198

Accurate Mass: 187.063329

Percentage Composition: C 70.58%; H 4.85%; N 7.48%; O 17.09%

Physical Description: Needles (CCl₄)

Melting Point: Mp 124-126°

References: