



>>Entry Name: 4-Hydroxy-2,6-dimethylbenzoic acid

Synonym(s): 4-Hydroxy-*m*-xylic acid. 3,5-Xylenol-4-carboxylic acid

CAS Registry Number: 75056-97-2

Molecular Formula: C₉H₁₀O₃

Molecular Weight: 166.176

Accurate Mass: 166.062995

Percentage Composition: C 65.05%; H 6.07%; O 28.88%

Physical Description: Plates (H₂O)

Melting Point: Mp 185 dec.°

>>Derivative: Et ester

CAS Registry Number: 75056-98-3

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. (EtOH)

Melting Point: Mp 98°

Rare Chemicals Library: S87384-5

>>Derivative: Me ether

Synonym(s): 4-Methoxy-2,6-dimethylbenzoic acid

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

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

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 144-146°

>>Derivative: Me ether, amide

Synonym(s): 4-Methoxy-2,6-dimethylbenzamide

CAS Registry Number: 114820-17-6

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Physical Description: Cryst.

>>Derivative: Me ether, nitrile

Synonym(s): 2-Cyano-4-methoxy-1,3-dimethylbenzene. 2,6-Dimethylanisonitrile

Molecular Formula: C₁₀H₁₁NO

Molecular Weight: 161.203

Accurate Mass: 161.084064

Percentage Composition: C 74.51%; H 6.88%; N 8.69%; O 9.93%

Melting Point: Mp 85-87°

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

CAS Registry Number: 19111-78-5

Molecular Formula: C₁₀H₁₁NO₂

Molecular Weight: 177.202

Accurate Mass: 177.078979

Percentage Composition: C 67.78%; H 6.26%; N 7.90%; O 18.06%

Melting Point: Mp 69-71°

References: