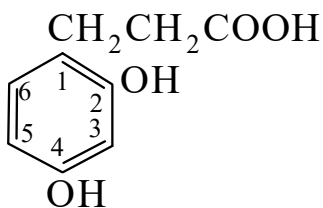




>>Entry Name: 3-(2,4-Dihydroxyphenyl)propanoic acid

Synonym(s): 2,4-Dihydroxybenzenepropanoic acid, 9CI. 2,4-Dihydroxyhydrocinnamic acid, 8CI. Hydroumbellic acid



CAS Registry Number: 5631-68-5

Molecular Formula: C₉H₁₀O₄

Molecular Weight: 182.176

Accurate Mass: 182.05791

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Physical Description: Cryst. (C₆H₆ or H₂O)

Melting Point: Mp 165°

Fluka: 37870

>>Derivative: 4-Me ether

Synonym(s): 2-Hydroxy-4-methoxybenzenepropanoic acid

CAS Registry Number: 21144-17-2

Molecular Formula: C₁₀H₁₂O₄

Molecular Weight: 196.202

Accurate Mass: 196.07356

Percentage Composition: C 61.22%; H 6.16%; O 32.62%

Physical Description: Needles (Et₂O/hexane)

Melting Point: Mp 91-92°

>>Derivative: 4-Me ether, Me ester

CAS Registry Number: 69471-28-9

Type of Compound Code(s): VG0060

Molecular Formula: C₁₁H₁₄O₄

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Biological Source: Isol. from *Machaerium kuhlmannii*

>>Derivative: Di-Me ether

Synonym(s): 2,4-Dimethoxybenzenepropanoic acid

CAS Registry Number: 22174-29-4

Molecular Formula: C₁₁H₁₄O₄

Molecular Weight: 210.229

Accurate Mass: 210.08921

Percentage Composition: C 62.85%; H 6.71%; O 30.44%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 105°

References:

Hurd, C.D. *et al.*, *J.A.C.S.*, 1939, **61**, 249, (*synth*)

Amakasa, T. *et al.*, *J.O.C.*, 1966, **31**, 1433, (*ir*)

Kametani, T. *et al.*, *J.C.S.(C)*, 1969, 4, (*synth, deriv*)

Ollis, W.D. *et al.*, *Phytochemistry*, 1978, **17**, 1383, (*isol, deriv*)