



>>Entry Name: Bis(4-hydroxyphenyl)phosphinic acid, 9Cl

Molecular Formula: C₁₂H₁₁O₄P

Molecular Weight: 250.19

Accurate Mass: 250.039497

Percentage Composition: C 57.61%; H 4.43%; O 25.58%; P 12.38%

Physical Description: Solid

Melting Point: Mp 213-215°

>>Derivative: Di-Me ether

Synonym(s): Bis(4-methoxyphenyl)phosphinic acid, 9Cl. Di-*p*-anisylphosphinic acid

CAS Registry Number: 20434-05-3

Molecular Formula: C₁₄H₁₅O₄P

Molecular Weight: 278.244

Accurate Mass: 278.070797

Percentage Composition: C 60.43%; H 5.43%; O 23.00%; P 11.13%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 180-181°

Aldrich: 27460-7

Sigma: M6269

>>Derivative: Di-Me ether, Me ester

Synonym(s): Methyl bis(4-methoxyphenyl)phosphinate

CAS Registry Number: 83470-31-9

Molecular Formula: C₁₅H₁₇O₄P

Molecular Weight: 292.271

Accurate Mass: 292.086447

Percentage Composition: C 61.64%; H 5.86%; O 21.90%; P 10.60%

Physical Description: Solid

Melting Point: Mp 106.5-108°

Boiling Point: Bp_{0.15} 192° (oven)

>>Derivative: Di-Me ether, chloride

CAS Registry Number: 20434-06-4

Molecular Formula: C₁₄H₁₄ClO₃P

Molecular Weight: 296.689

Accurate Mass: 296.036909

Percentage Composition: C 56.68%; H 4.76%; Cl 11.95%; O 16.18%; P 10.44%

Physical Description: Solid

Melting Point: Mp 59-63°

Boiling Point: Bp_{0.05} 216°

>>Derivative: Di-Me ether, azide

CAS Registry Number: 83470-25-1

Molecular Formula: C₁₄H₁₄N₃O₃P

Molecular Weight: 303.257

Accurate Mass: 303.077279

Percentage Composition: C 55.45%; H 4.65%; N 13.86%; O 15.83%; P 10.21%

Physical Description: Liq.

Boiling Point: Bp_{0.007} 130-136° (oven)