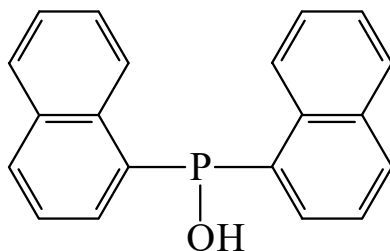




>>Entry Name: Di-1-naphthalenylphosphonous acid

Synonym(s): Di-1-naphthylphosphinous acid



Molecular Formula: C₂₀H₁₅OP

Molecular Weight: 302.312

Accurate Mass: 302.086052

Percentage Composition: C 79.46%; H 5.00%; O 5.29%; P 10.25%

>>Derivative: Chloride

CAS Registry Number: 36042-99-6

Type of Compound Code(s): AC3020

Molecular Formula: C₂₀H₁₄ClP

Molecular Weight: 320.757

Accurate Mass: 320.052164

Percentage Composition: C 74.89%; H 4.40%; Cl 11.05%; P 9.66%

Physical Description: Solid

Melting Point: Mp 130-132°

Boiling Point: Bp_{0.6} 227-229°. Bp₁₅ 270-280°

>>Derivative: Bromide

CAS Registry Number: 32186-91-7

Type of Compound Code(s): AC3020

Molecular Formula: C₂₀H₁₄BrP

Molecular Weight: 365.208

Accurate Mass: 364.021648

Percentage Composition: C 65.78%; H 3.86%; Br 21.88%; P 8.48%

Physical Description: Solid

Melting Point: Mp 29-30°

Boiling Point: Bp_{0.15} 280-300°

References:

Weinberg, K.G., *J.O.C.*, 1975, **40**, 3586