



>>Derivative: Butyl ester

Synonym(s): Butyl (diethoxyphosphinyl)acetate

CAS Registry Number: 6481-20-5

Molecular Formula: C₁₀H₂₁O₅P

Molecular Weight: 252.247

Accurate Mass: 252.112662

Percentage Composition: C 47.62%; H 8.39%; O 31.71%; P 12.28%

Physical Description: Liq.

Boiling Point: Bp₂ 143°

>>Derivative: Ph ester

Synonym(s): Phenyl (diethoxyphosphinyl)acetate

CAS Registry Number: 3699-64-7

Molecular Formula: C₁₂H₁₇O₅P

Molecular Weight: 272.237

Accurate Mass: 272.081362

Percentage Composition: C 52.94%; H 6.29%; O 29.39%; P 11.38%

Physical Description: Liq.

Boiling Point: Bp_{0.2} 150-153°

>>Derivative: Benzyl ester

Synonym(s): Diethyl (benzyloxycarbonylmethyl)phosphonate

CAS Registry Number: 7396-44-3

Molecular Formula: C₁₃H₁₉O₅P

Molecular Weight: 286.264

Accurate Mass: 286.097012

Percentage Composition: C 54.55%; H 6.69%; O 27.95%; P 10.82%

Physical Description: Liq.

Boiling Point: Bp_{1.5} 174-179°

Refractive Index: n_D²³ 1.4932

>>Derivative: Trimethylsilyl ester

see Trimethylsilyl (diethoxyphosphinyl)acetate, [FKK34-D](#)

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