



Molecular Weight: 230.157
Accurate Mass: 230.034412
Percentage Composition: C 46.97%; H 4.82%; O 34.76%; P 13.46%
Physical Description: Cryst. (Me₂CO) (as monoanilinium salt)
Melting Point: Mp 123-125°

>> **Derivative:** Tri-Me ester

>> **Derivative:** Tri-Et ester

>> **Derivative:** *P,P*-Di-Et, *C*-2-propenyl ester
Synonym(s): Allyl (diethoxyphosphoryl)acetate

CAS Registry Number: 113187-28-3
Molecular Formula: C₉H₁₇O₅P
Molecular Weight: 236.204
Accurate Mass: 236.081362
Percentage Composition: C 45.77%; H 7.25%; O 33.87%; P 13.11%
Physical Description: Liq.
Boiling Point: Bp₁₀ 157-158°
Aldrich: 40570-1
Fluka: 79519

>> **Derivative:** *P,P*-Bis(2,2,2-trifluoroethyl)ester, *C*-Me ester
Synonym(s): Methyl [bis(trifluoroethyl)phosphoryl]acetate

CAS Registry Number: 88738-78-7
Molecular Formula: C₇H₉F₆O₅P
Molecular Weight: 318.109
Accurate Mass: 318.00918
Percentage Composition: C 26.43%; H 2.85%; F 35.83%; O 25.15%; P 9.74%
Use/Importance: Used in synth. of *Z*- α,β-unsaturated esters
Refractive Index: n_D²⁰ 1.3700
Aldrich: 27425-9
Fluka: 79529

References:

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