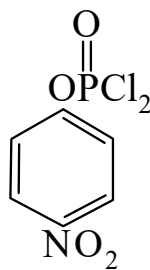




>>Entry Name: 4-Nitrophenyl phosphorodichloridate, 9Cl

Synonym(s): 4-Nitrophenyl phosphoryl dichloride. 4-Nitrophenyl dichlorophosphate



CAS Registry Number: 777-52-6

Molecular Formula: C₆H₄Cl₂NO₄P

Molecular Weight: 255.981

Accurate Mass: 254.9255

Percentage Composition: C 28.15%; H 1.57%; Cl 27.70%; N 5.47%; O 25.00%; P 12.10%

Use/Importance: Phosphorylating agent

Physical Description: Solid

Melting Point: Mp 42-43°

Boiling Point: Bp_{0.55} 140°

Aldrich: 15540-3

Fluka: 73621

Sigma: N1507

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 555D, (*ir*)

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Lazarus, R.A. *et al.*, *J.C.S. Perkin 2*, 1980, 273, (*synth*)

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