



>>Entry Name: Diethylphosphoramidic dichloride, 9Cl

Synonym(s): Diethylaminophosphoryl dichloride. Diethylaminophosphonic dichloride

CAS Registry Number: 1498-54-0

$\text{Et}_2\text{NP}(\text{O})\text{Cl}_2$

Molecular Formula: $\text{C}_4\text{H}_{10}\text{Cl}_2\text{NOP}$

Molecular Weight: 190.008

Accurate Mass: 188.987705

Percentage Composition: C 25.29%; H 5.30%; Cl 37.32%; N 7.37%; O 8.42%; P 16.30%

Physical Description: Liq.

Boiling Point: Bp 220°. Bp₁₅ 110°

References:

Michaelis, A., *Annalen*, 1903, **326**, 129, (*synth*)

Cowley, A.H. *et al.*, *J.A.C.S.*, 1965, **87**, 4454, (*pmr*)

Coustures, Y. *et al.*, *Bull. Soc. Chim. Fr.*, 1973, 926, (*P nmr, ir*)

Yvernault, T. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. C*, 1978, **287**, 519, (*synth*)

Kajiwara, M. *et al.*, *J. Inorg. Nucl. Chem.*, 1980, **42**, 171, (*synth*)