



>>Entry Name: 2-Propenylphosphonic dichloride, 9Cl

Synonym(s): Allylphosphonic dichloride, 8Cl

CAS Registry Number: 1498-47-1

$\text{H}_2\text{C}=\text{CHCH}_2\text{P}(\text{O})\text{Cl}_2$

Molecular Formula: $\text{C}_3\text{H}_5\text{Cl}_2\text{OP}$

Molecular Weight: 158.951

Accurate Mass: 157.945506

Percentage Composition: C 22.67%; H 3.17%; Cl 44.61%; O 10.07%; P 19.49%

Physical Description: Pungent liq.

Boiling Point: Bp_{16} 75-77°. Bp_3 55°

Density: d^{20}_{20} 1.34138

Refractive Index: n^{20}_{D} 1.4830

Aldrich: 30556-1

References:

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Christol, C. *et al.*, *J. Chem. Phys.*, 1965, **62**, 246, (*ir*, *Raman*)

Gruzdev, V.G. *et al.*, *Zh. Obshch. Khim.*, 1967, **37**, 450; *J. Gen. Chem. USSR (Engl. Transl.)*, 1967, **37**, 419, (*synth*)

Zverev, V.V. *et al.*, *Dokl. Akad. Nauk SSSR, Ser. Khim.*, 1979, **246**, 1368; *Dokl. Chem. (Engl. Transl.)*, 1979, **246**, 312, (*pe*)

Morita, T. *et al.*, *Chem. Lett.*, 1980, 435, (*synth*)

Bhangle, N.N. *et al.*, *Synth. Commun.*, 1987, **17**, 1071, (*synth*)