



>>Entry Name: Propylphosphonic dichloride, 9Cl

Synonym(s): Propanephosphonyl chloride

CAS Registry Number: 4708-04-7

$\text{H}_3\text{CCH}_2\text{CH}_2\text{P}(\text{O})\text{Cl}_2$

Molecular Formula: $\text{C}_3\text{H}_7\text{Cl}_2\text{OP}$

Molecular Weight: 160.967

Accurate Mass: 159.961156

Percentage Composition: C 22.39%; H 4.38%; Cl 44.05%; O 9.94%; P 19.24%

Physical Description: Pungent liq.

Boiling Point: Bp_{15} 83-85°

Density: d_4^{25} 1.27

Refractive Index: n_D^{20} 1.4648

Aldrich: 45587-3

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 922D, (*ir*)

Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 873B, (*nmr*)

Geiseler, G. *et al.*, *Ber. Bunsen-Ges. Phys. Chem.*, 1967, **71**, 478, (*ir, Raman*)

Tsvetkov, E.N. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1967, 2375; *Bull. Acad. Sci. USSR, Div. Chem. Sci. (Engl. Transl.)*, 1967, 2267, (*synth, nqr*)