



>>Entry Name: (Chloromethyl)phosphonic dichloride, 9Cl

CAS Registry Number: 1983-26-2

ClCH2P(O)Cl2

Molecular Formula: CH2Cl3OP

Molecular Weight: 167.358

Accurate Mass: 165.890883

Percentage Composition: C 7.18%; H 1.20%; Cl 63.55%; O 9.56%; P 18.51%

Physical Description: Pungent liq.

Boiling Point: Bp₁₇ 92-94°. Bp_{0.5} 50°

Density: d₄²⁰ 1.64

Refractive Index: n_D²⁰ 1.4930

Aldrich: C5625-5

Fluka: 25035

References:

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Griffiths, W.R. *et al.*, *Phosphorus Sulfur Relat. Elem.*, 1978, **4**, 341, (*ms*)

Dogadina, A.V. *et al.*, *Zh. Obshch. Khim.*, 1984, **54**, 796; *J. Gen. Chem. USSR (Engl. Transl.)*, 1984, **54**, 706, (*pmr*)

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