



>>Entry Name: Tetramethylphosphorodiamidic chloride, 9Cl

Synonym(s): Bis(dimethylamino) phosphoryl chloride. Bis(dimethylamino)phosphinic chloride. Bis(dimethylamino)phosphorochloridate. Chlorobis(dimethylamido) oxophosphorus(V)

CAS Registry Number: 1605-65-8

$(\text{Me}_2\text{N})_2\text{P}(\text{O})\text{Cl}$

Molecular Formula: $\text{C}_4\text{H}_{12}\text{ClN}_2\text{OP}$

Molecular Weight: 170.578

Accurate Mass: 170.037577

Percentage Composition: C 28.17%; H 7.09%; Cl 20.78%; N 16.42%; O 9.38%; P 18.16%

Physical Description: Liq.

Boiling Point: Bp_{30} 133-134°. Bp_{10} 110°. $\text{Bp}_{0.6}$ 79-82°

Density: d_4^{20} 1.823

Refractive Index: n_D^{25} 1.4661

Aldrich: 16393-7

Fluka: 79624

References:

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