



>>Entry Name: Phenylphosphonic dichloride

Synonym(s): Benzenephosphonic dichloride. Benzenephosphonyl chloride. Phenylphosphonyl chloride

CAS Registry Number: 824-72-6

PhP(O)Cl₂

Molecular Formula: C₆H₅Cl₂OP

Molecular Weight: 194.984

Accurate Mass: 193.945506

Percentage Composition: C 36.96%; H 2.58%; Cl 36.36%; O 8.21%; P 15.89%

Physical Description: Pungent liq.

Boiling Point: Bp₁₂ 126-127°

Density: d₄²⁰ 1.4

Refractive Index: n_D²⁰ 1.5595

Hazard & Toxicity: Exploded on storage following build-up of HCl

Aldrich: 38956-0

Fluka: 36242

References:

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

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