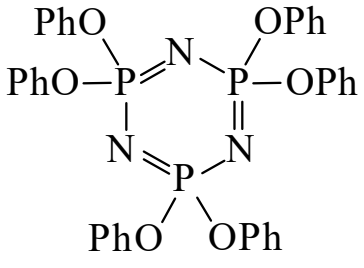
>>**Entry Name: 2,2,4,4,6,6-Hexahydro-2,2,4,4,6,6-hexaphenoxy-1,3,5,2,4,6-triazatriphosphorine,** 9Cl

Synonym(s): Hexaphenyl cyclophosphonitrilate. 2,2,4,4,6,6-Hexahydro-2,2,4,4,6,6-hexaphenoxycyclotriphosphazene. 2,2,4,4,6,6-Hexaphenoxy-2λ^5,4λ^5,6λ^5-cyclotriphosphaza-1,3,5-triene. 2,2,4,4,6,6-Hexaphenoxy-1,3,5,2λ^5,4λ^5,6λ^5-triazatriphosphinine



CAS Registry Number: 1184-10-7

Molecular Formula: $C_{36}H_{30}N_3O_6P_3$
Molecular Weight: 693.571
Accurate Mass: 693.134748
Percentage Composition: C 62.34%; H 4.36%; N 6.06%; O 13.84%; P 13.40%
Physical Description: Colourless cryst. (C_6H_6/petrol)
Melting Point: Mp 112-113°
Boiling Point: $Bp_{0.1}$ 280°
Other Data: Possesses sl. nonplanar ring. Undergoes electrophilic aromatic substitution. Polym. at 200-300° in presence of Tos.OH or 70% H_2SO_4 aq.
Rare Chemicals Library: S6059-4

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