

# 1,3,5,2,4,6-Triazatriphosphorine, 2,2,4,4,6,6-hexachloro-2,2,4,4,6,6-hexahydro-

<b>Other names:</b>	1,3,5,2,4,6-Triazatriphosphorine, hexachloro- 2,2,4,4,6,6-Hexachlorocyclotriphosphazatriene 2,2,4,4,6,6-hexachloro-1,3,5-triaza-2,4,6-triphosphorine 2«lambda»5,4«lambda»5,6«lambda»5-1,3,5,2,4,6-Triazatriphosphorine, 2,2,4,4,6,6-hexachloro- Cyclophosphazene dichloride trimer Cyclophosphonitrilic chloride trimer Hexachloro-1,3,5,2,4,6-triazatriphosphorine Hexachlorocyclophosphazatriene Hexachlorocyclotriphosphazatriene Hexachlorotriphosphazene Hexachlorotriphosphonitrile NSC 209799 NSC 2667 Phosphonitrile chloride, cyclic trimer Phosphonitrilic chloride cyclic trimer Phosphonitrilic chloride trimer Phosphonitrilic chloride trimer Triphosphonitrile chloride Triphosphonitrilic chloride hexachlorocyclotriphosphazene
<b>Inchi:</b>	InChI=1S/Cl6N3P3/c1-10(2)7-11(3,4)9-12(5,6)8-10
<b>InchiKey:</b>	UBIJTWDKTYCPMQ-UHFFFAOYSA-N
<b>Formula:</b>	Cl6N3P3
<b>SMILES:</b>	CIP1(Cl)=NP(Cl)(Cl)=NP(Cl)(Cl)=N1
<b>Mol. weight [g/mol]:</b>	347.66
<b>CAS:</b>	940-71-6

## Physical Properties

Property code	Value	Unit	Source
hfus	19.61	kJ/mol	Solubilities of Phenylphosphinic Acid, Methylphenylphosphinic Acid, Hexachlorocyclotriphosphazene, and Hexaphenoxycyclotriphosphazene in Selected Solvents
ie	10.05 ± 0.03	eV	NIST Webbook
ie	10.30 ± 0.10	eV	NIST Webbook

