

Aminocyclophosphazene Derivatives of Tungsten Carbonyl

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Reactions of aminated cyclotri- and cyclotetra-phosphazenes, *viz.*, $N_3P_3L_6$ and $N_4P_4L_8$ ($L = -NC_4H_8O$, $-NC_5H_{10}$, $-HNC_6H_{11}$ and $-HNC_8H_{17}$) with $W(CO)_6$ have been studied. $[(N_3P_3L_6)W(CO)_3]$ derivatives are obtained with $N_3P_3L_6$ while $N_4P_4L_8$ yield tetracarbonyl substituted derivatives, $[(N_4P_4L_8)W(CO)_4]$. Mixed ligand tungsten tricarbonyls of the type $[C_{12}H_8N_2)(N_3P_3L_6 \text{ or } N_4P_4L_8)W(CO)_3]$ have also been synthesized with $[(o\text{-phen})W(CO)_4]$.