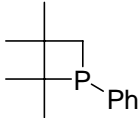
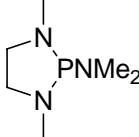
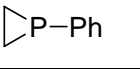
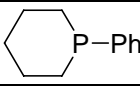
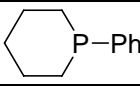
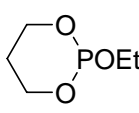
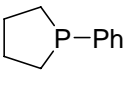
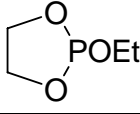


Chapter1: <sup>31</sup>P NMR Chemical Shift of P(III) Compounds (ppm from H<sub>3</sub>PO<sub>3</sub>)

Compounds	δ (ppm)	Compounds	δ (ppm)
PH <sub>3</sub>	-240.00	(MeS) <sub>3</sub> P	125.00
MePH <sub>2</sub>	-164.00	(PhO) <sub>3</sub> P	127.00
PhPH <sub>2</sub>	-122.00	(PhS) <sub>3</sub> P	132.00
Ph <sub>2</sub> PEt	-121.50	(MeO) <sub>3</sub> P	140.00
Me <sub>2</sub> PH	-99.00	PhP <sub>2</sub> (OMe) <sub>2</sub>	159.00
Me <sub>3</sub> P	-62.00	PhPCl <sub>2</sub>	162.00
Ph <sub>2</sub> PH	-41.00	(MeO) <sub>2</sub> PH	171.50
PPh <sub>3</sub>	-6.00	PI <sub>3</sub>	178.00
P(C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub>	10.50	MePCl <sub>2</sub>	191.00
Ph <sub>2</sub> PCl	81.00	Me <sub>2</sub> POMe	201.00
Me <sub>2</sub> PCl	94.00	PCl <sub>3</sub>	219.00
PF <sub>3</sub>	97.00	PBr <sub>3</sub>	227.00
Ph <sub>2</sub> POEt	109.50		8.50
(Me <sub>2</sub> N) <sub>3</sub> P	123.00		115.00
 P-Ph	-234.00		
 P-Ph	-23.00		130.00
 P-Ph	-15.00		132.00