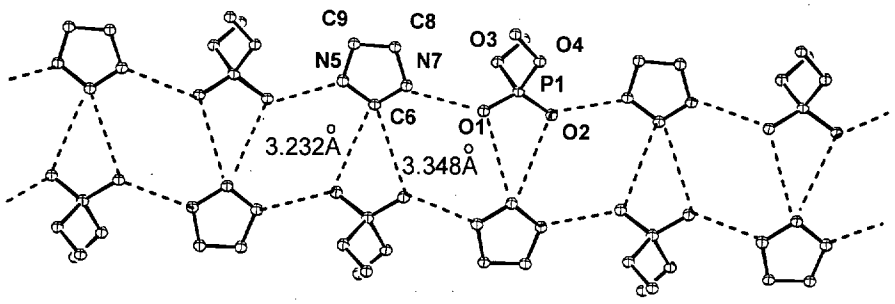
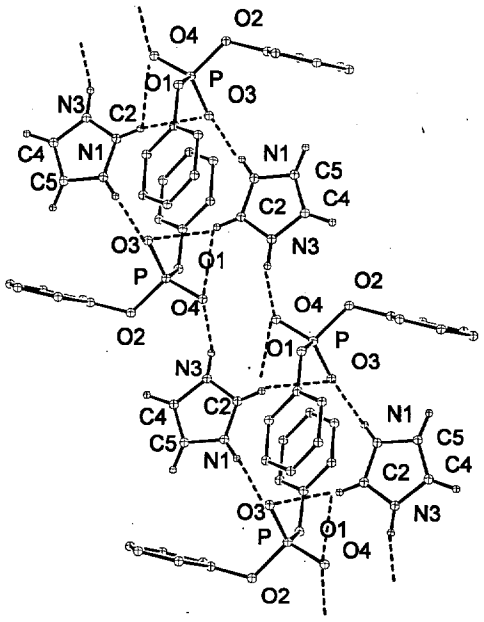
Supporting Information



(a)



(b)

Fig. 7 (a) Hydrogen bonding pattern including the C(-H)···O interactions for $[C_3N_2H_5][O_2P(OMe)_2]$ [ref. 10(a)]. Coordinates taken from Cambridge data base; hydrogen coordinates not available. There could also be weak intermolecular interactions involving C(8) and C(9) [C(8)···O(2) 3.420 Å; C(9)···O(1) 3.269Å].
(b) Hydrogen bonding pattern including the C(-H)···O interactions for $[C_3N_2H_5][O_2P(OPh)_2]$ [ref. 10(b)]. Coordinates taken from Cambridge data base. C-H···O parameters: (i) C(2)-H-O(4) 0.873, 2.720, 3.333Å, 128.3°; (ii) C(2)-H-O(3) 0.873, 2.608, 3.454Å, 163.6°. The bifurcated mode of C-H···O interactions may be compared to that in (a).

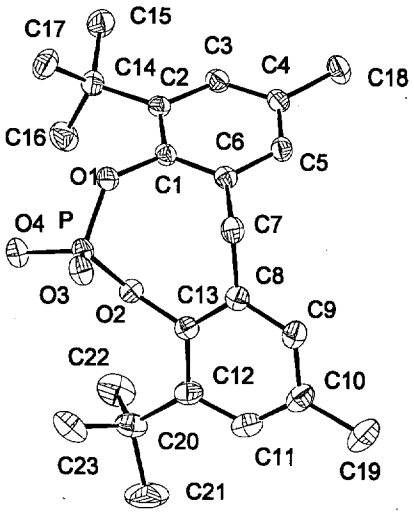
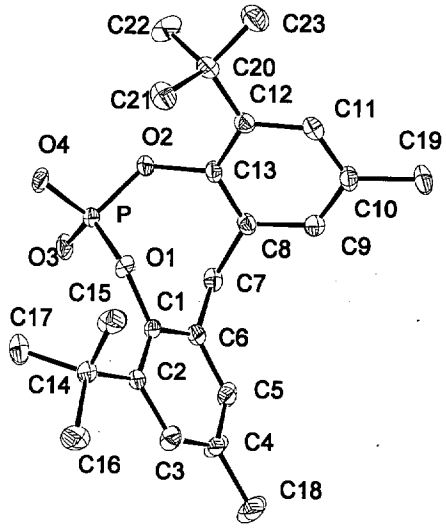


Figure 8



(b)

Figure 8 (a) An ORTEP drawing of **1** (triclinic form) (b) An ORTEP drawing of **1** (monoclinic form). Only non-hydrogen atoms are shown.

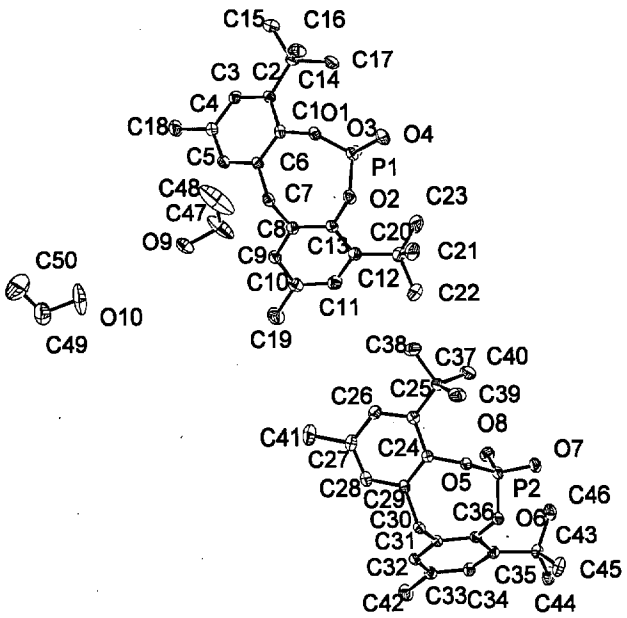


Figure 9 An ORTEP drawing of **1**.EtOH showing the non-hydrogen atoms and numbering scheme.

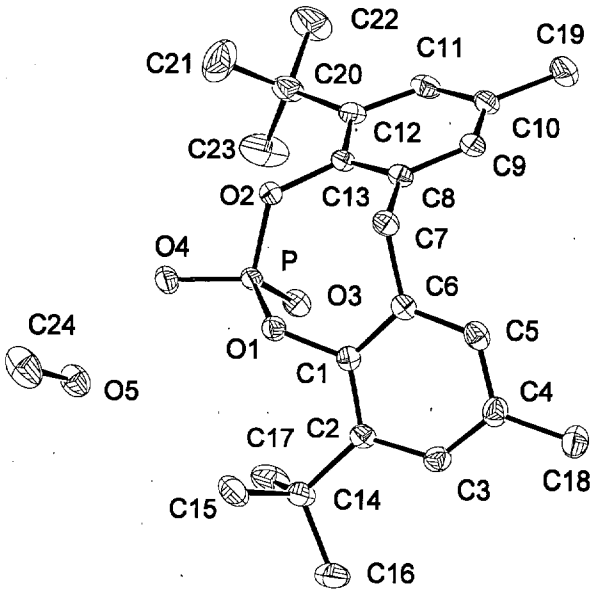


Figure 10 An ORTEP drawing of **1**.MeOH; only non-hydrogen atoms shown.

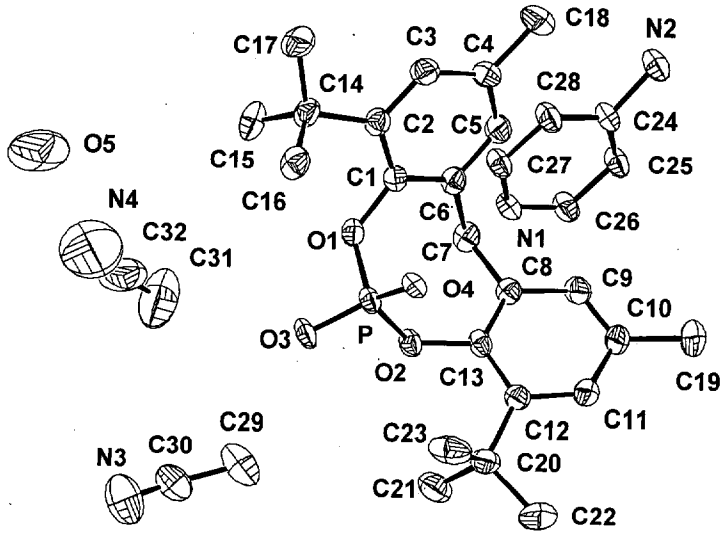
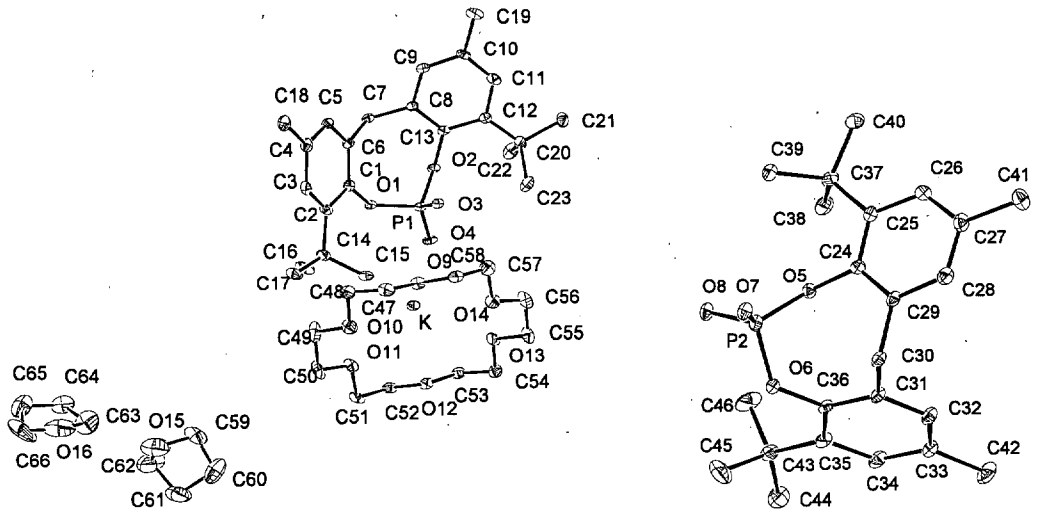


Figure 11 An ORTEP drawing of **3** showing the numbering scheme; only the asymmetric unit is shown.



(a) (b)

Figure 12 ORTEP drawings of the non-hydrogen atoms in **4**; for clarity, the drawing for (a) the phosphate at P(1), K-18-crown-6 and the THF molecules, and (b) phosphate at P(2) are done separately. The THF molecules are not involved in any discernible hydrogen bonding.

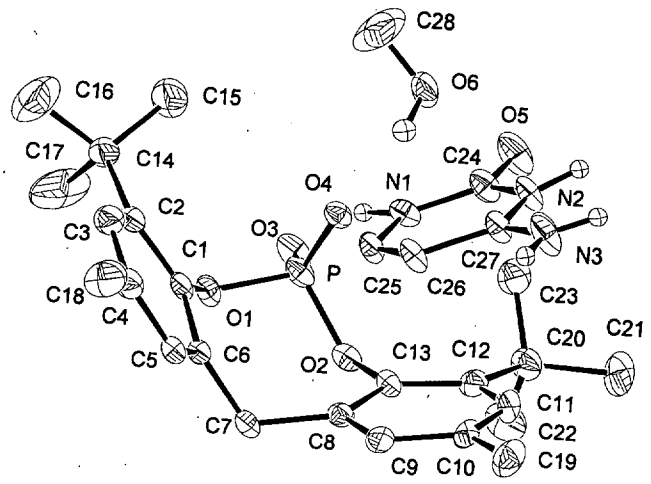
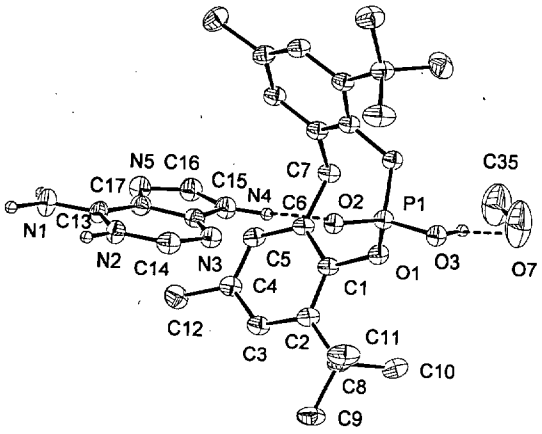
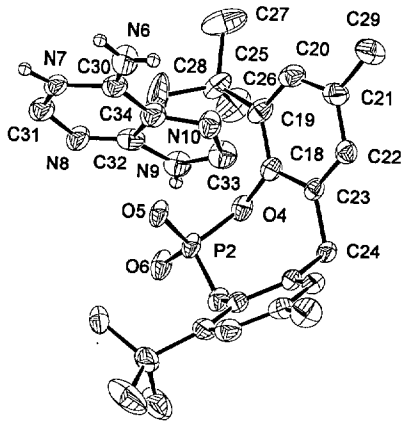


Figure 13 An ORTEP drawing of **5**.



(a)



(b)

Fig. 14 (a) and (b) ORTEP drawing of **6**; only non-hydrogen atoms are shown. Note that only the phosphate at P(1) is hydrogen bonded to MeOH.

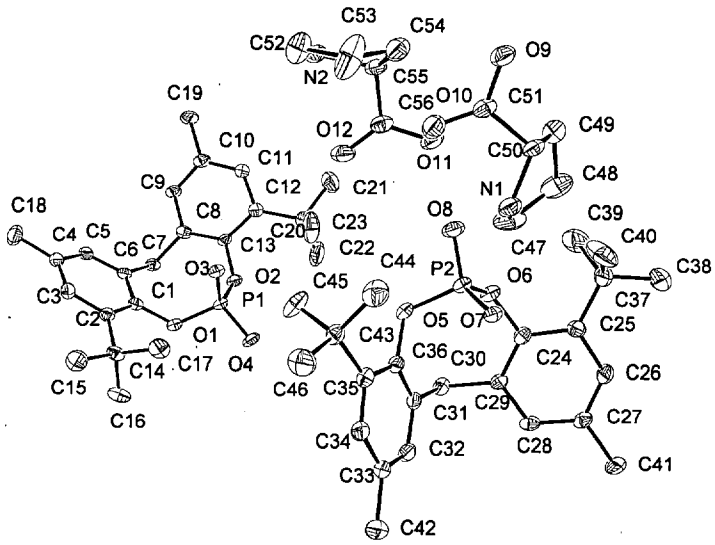


Figure 15 An ORTEP drawing of **7**; only non-hydrogen atoms are shown.