

24 Fig. 24 shows a DNA nucleotide.

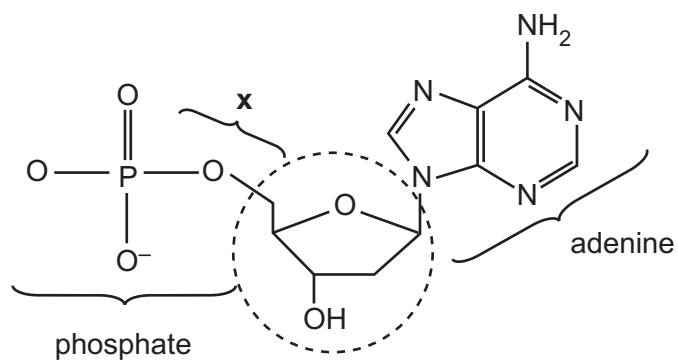


Fig. 24

(a) (i) Name the circled component in Fig. 24.

..... [1]

(ii) Name the bond labelled x in Fig. 24.

..... [1]

(b) Identify two similarities and two differences between the DNA nucleotide shown in Fig. 24 and a molecule of ATP.

Similarities .....

.....  
 .....  
 .....

Differences .....

.....  
 .....  
 .....

[4]