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Structural characterisation of trimethylsilyl-protected DNA bases

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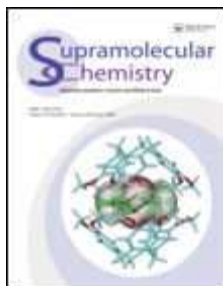
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Structural characterisation of trimethylsilyl-protected DNA bases

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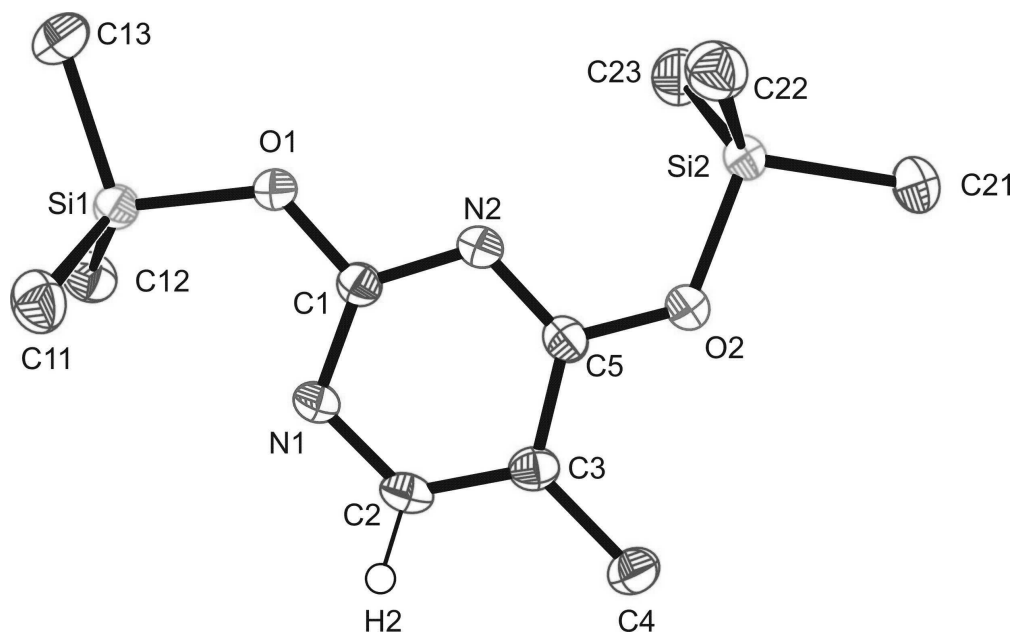


Figure 1. The asymmetric unit of 1; ellipsoids are at the 50% probability level. Hydrogen atoms of the Me₃Si groups omitted for clarity.
210x129mm (300 x 300 DPI)

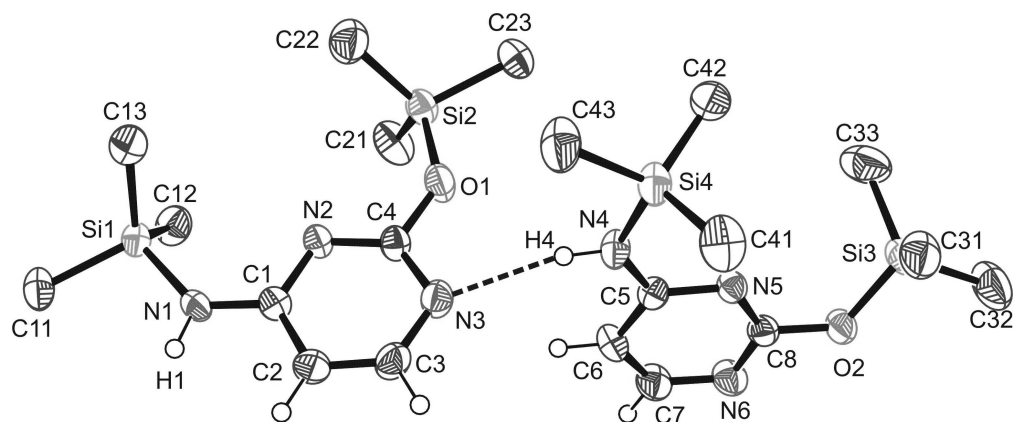


Figure 2. The asymmetric unit of **2**; ellipsoids are at the 50% probability level. Hydrogen atoms of the Me₃Si groups omitted for clarity.
262x107mm (300 x 300 DPI)

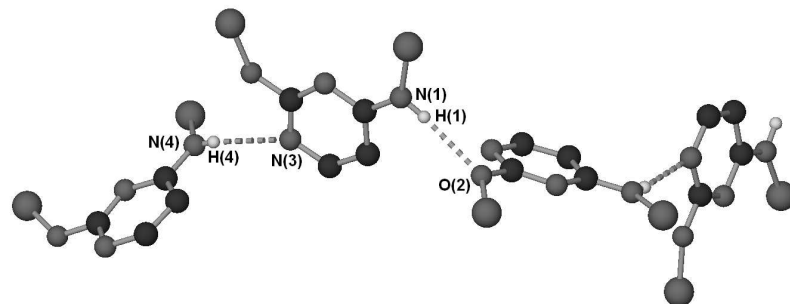
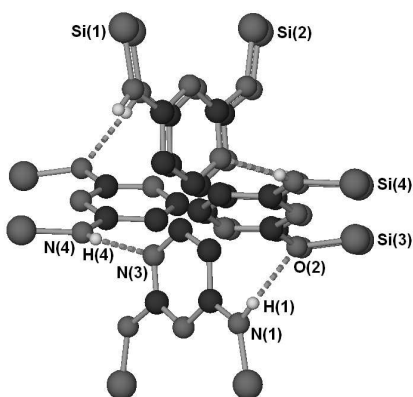


Figure 3 The helical chain structure of 2 viewed (a) orthogonal to, and (b) along the axis of propagation (c); Symmetry operator $3/2-x, 1-y, 1/2+z$.
444x329mm (96 x 96 DPI)



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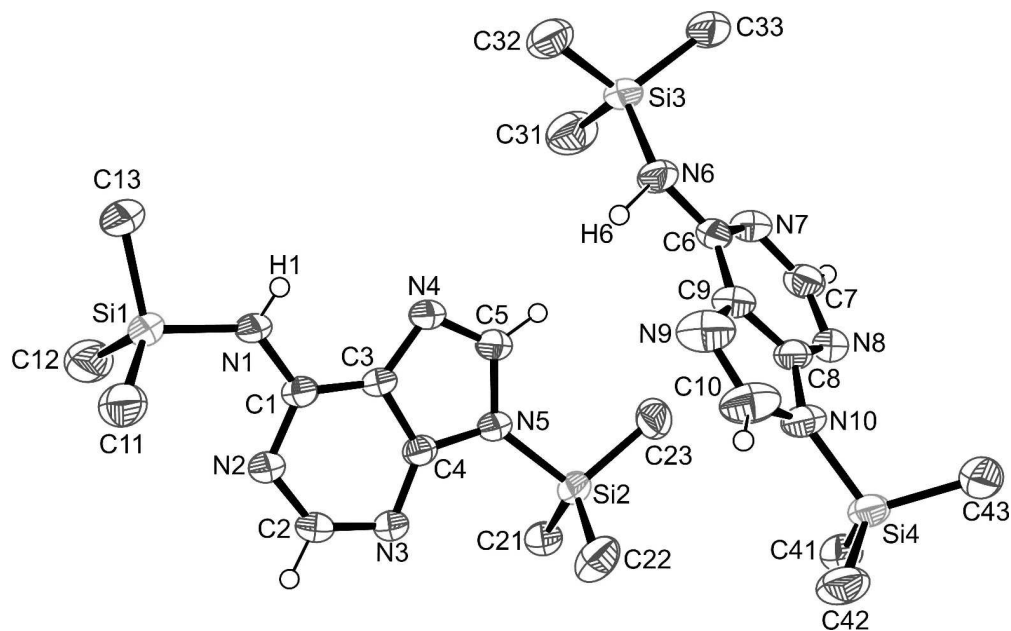


Figure 4 The asymmetric unit of 3 showing the two independent molecules in the asymmetric unit; ellipsoids are at the 50% probability level. Hydrogen atoms of the Me₃Si groups omitted for clarity. Symmetry operator $1-x, y, 1/2-z$. 266x164mm (300 x 300 DPI)

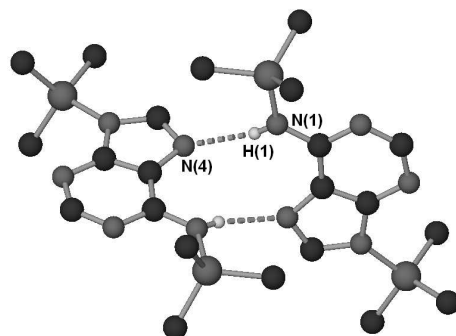
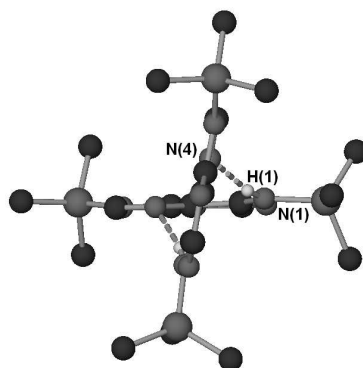


Figure 5 Two views of the dimerisation of one of the independent molecules on the asymmetric unit of 3.

444x329mm (96 x 96 DPI)



444x329mm (96 x 96 DPI)

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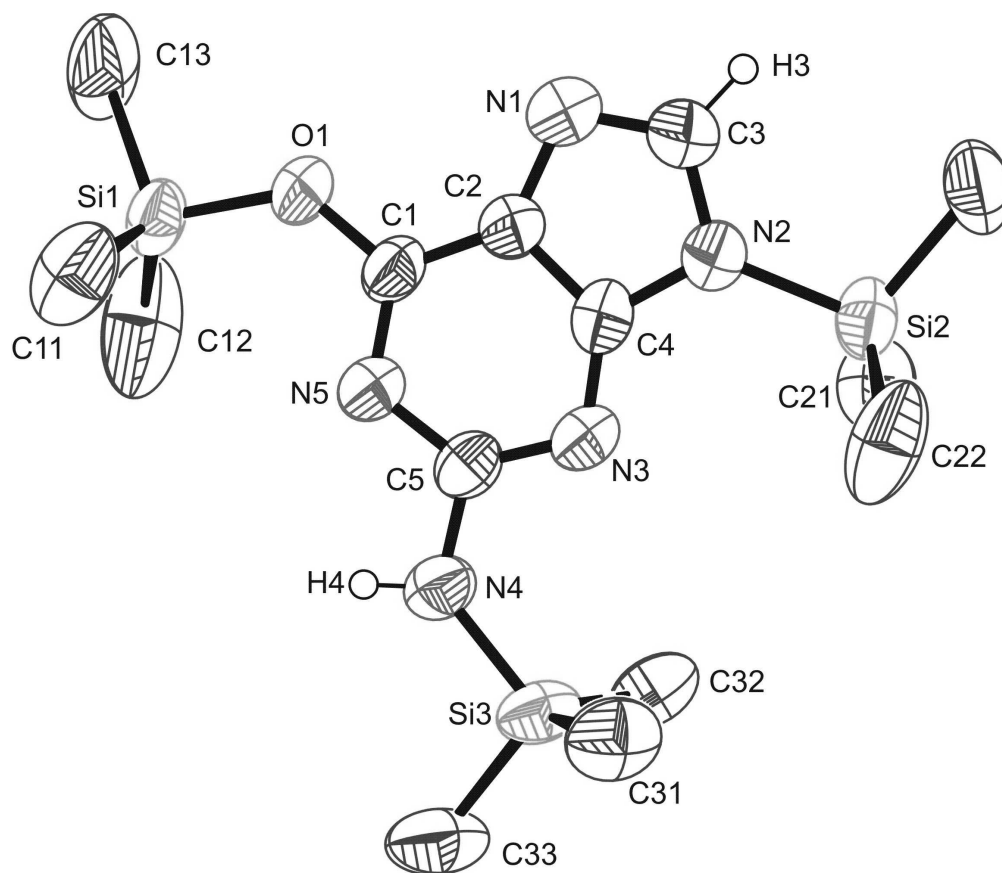


Figure 6 The asymmetric unit of 4; ellipsoids are at the 50% probability level. Hydrogen atoms of the Me₃Si groups omitted for clarity.
196x169mm (300 x 300 DPI)

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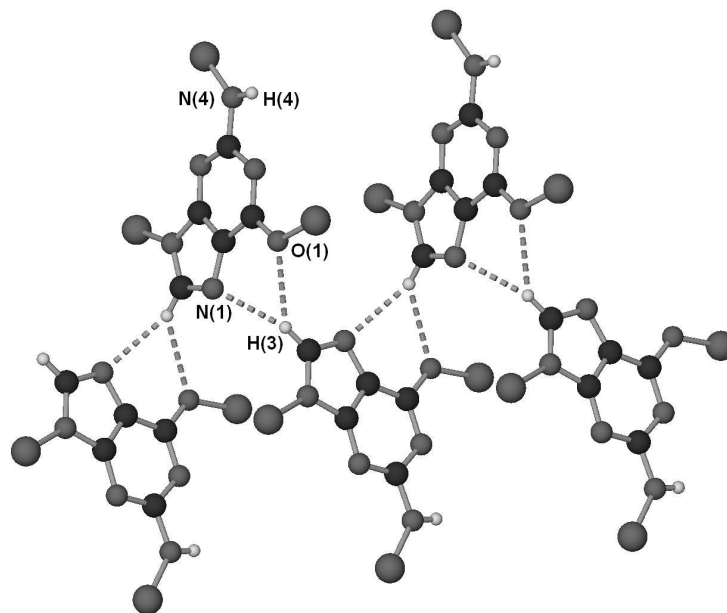
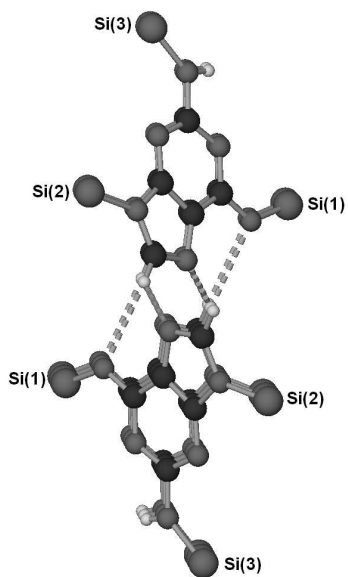


Figure 7 The lattice structure of 4 viewed (a) orthogonal to, and (b) along the axis of propagation
444x329mm (96 x 96 DPI)



444x329mm (96 x 96 DPI)

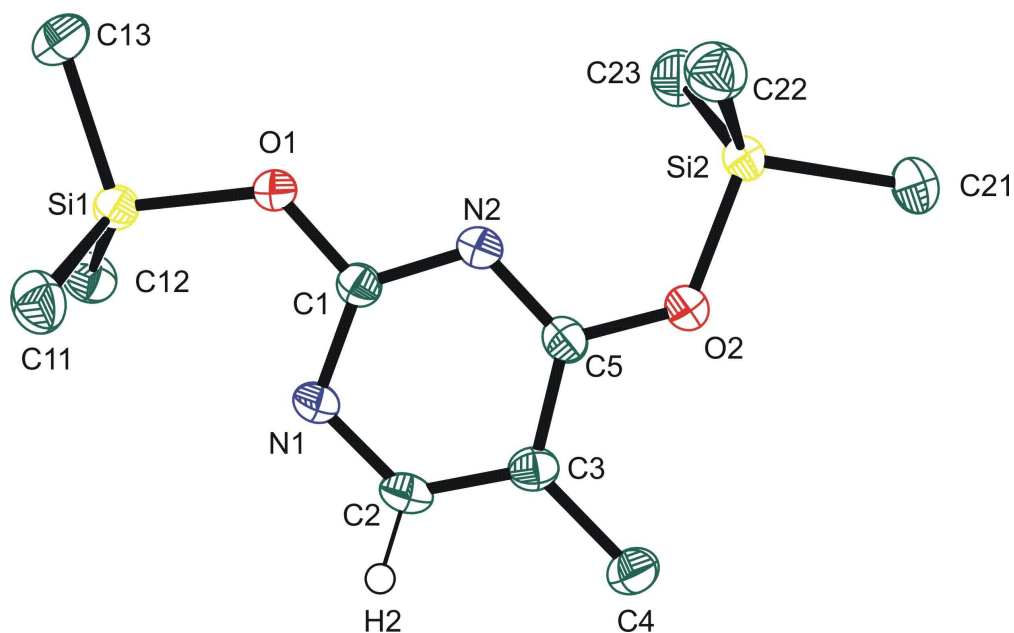


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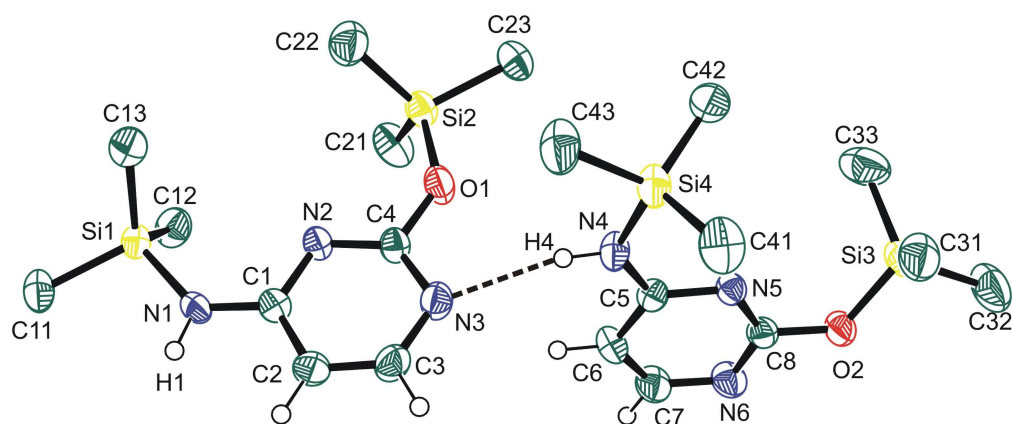


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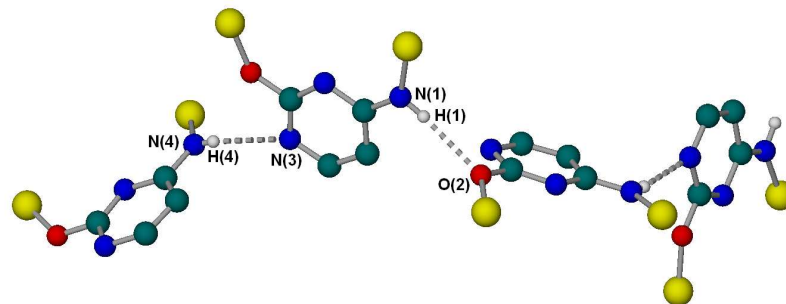
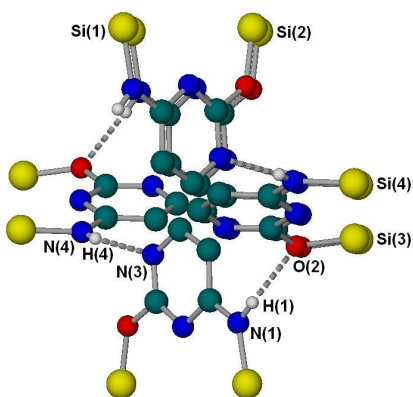


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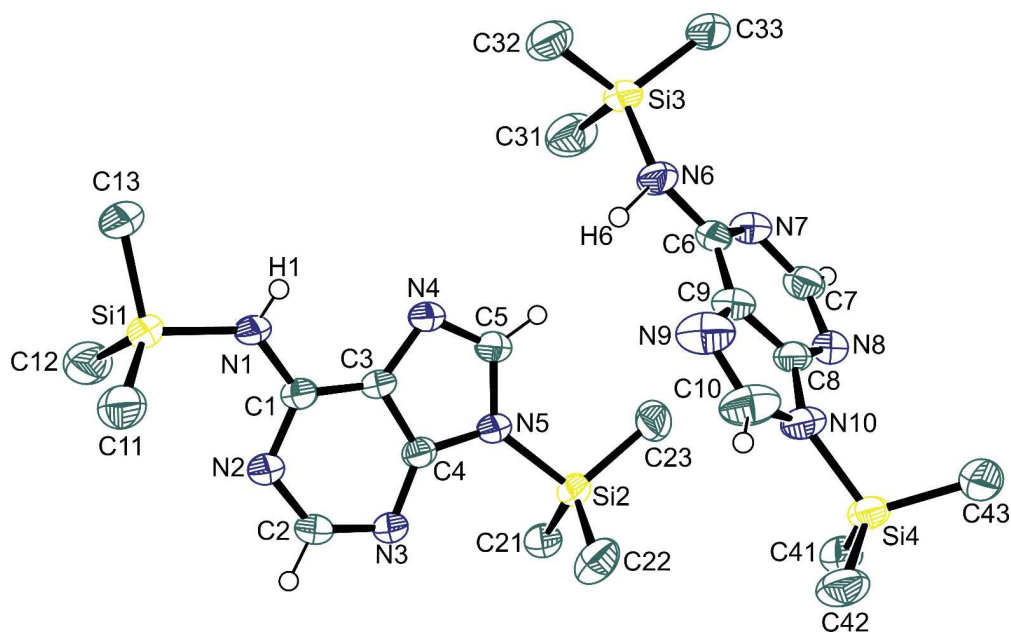


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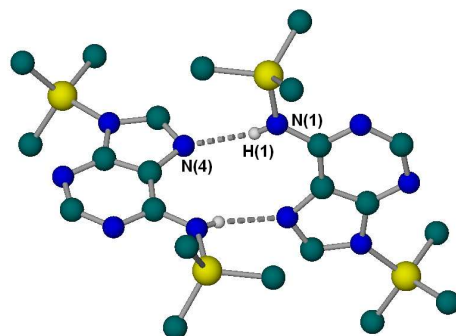
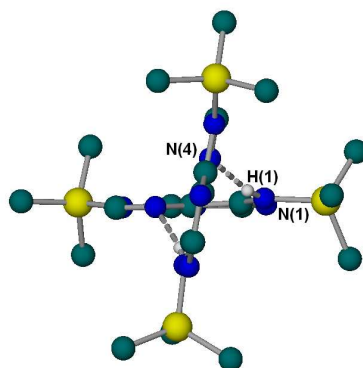


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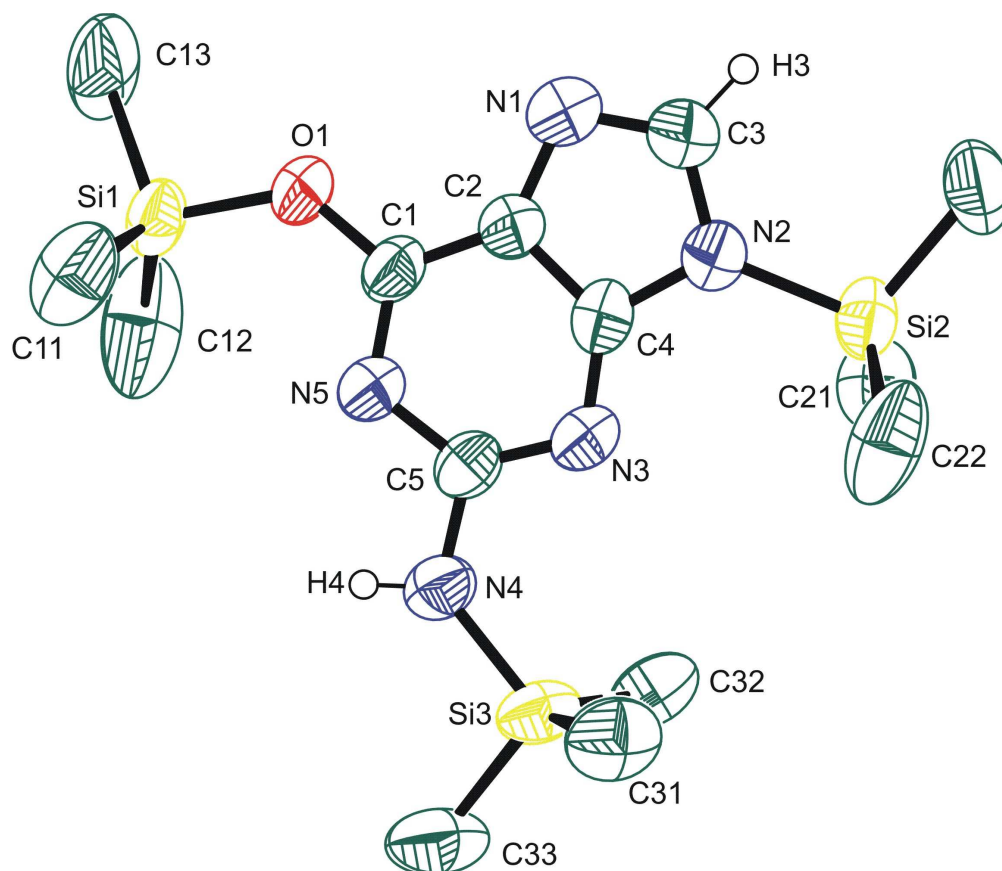


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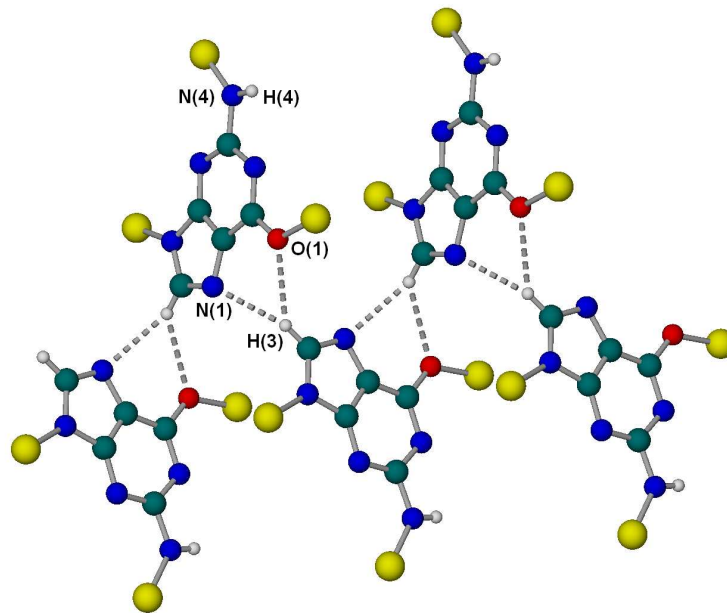
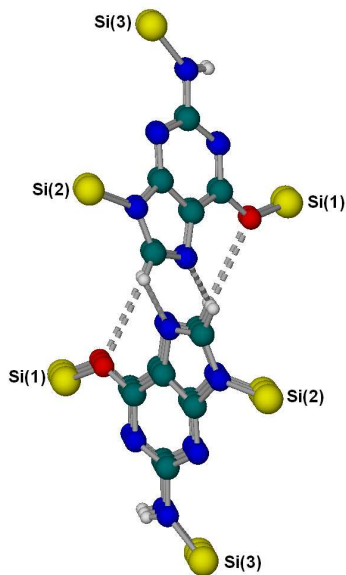


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