Structural characterisation of trimethylsilyl-protected DNA bases

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

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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.
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Figure 7 The lattice structure of 4 viewed (a) orthogonal to, and (b) along the axis of propagation
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