Table S1 Details of hydrogen bonding in the alkylsilylated guanosine crystals.

crystal	D-H···A	D···A distance / Å
1a·MeOH	N1-H1···N7 [i]	2.875(5)
	N2-H2B···O6 [i]	2.963(5)
1a·EA	N1-H1···N7 [a]	2.814(9)
	N2-H3···O6 [a]	2.957(9)
1b	N1-H1···N7 [h]	2.789(6)
	N2-H3···O6 [h]	2.789(7)
2b	N1-H1···O6	2.850(6)
	N2-H2···N4 [f]	2.958(8)
	N2-H3···O6	2.877(7)
	N6-H4···O1 [f]	2.858(7)
	N7-H6···O1 [f]	2.863(7)
	N7-H5···N9 [f]	2.984(7)
	O10-H171···N8	2.917(6)
	O5-H170···N3	2.834(7)
2c·AcOH	N1-H1···N7 [g]	2.910(5)
	N2-H2B···O6 [g]	2.894(5)
	N2-H2A···O34 [d]	2.943(5)
	O17-H17···O34	2.773(5)
	O35-H35···N3 [e]	2.693(4)
3c	N1-H1···N4 [b]	2.910(5)
	N2-H2···N8 [e]	2.910(5)
	N2-H3···O1 [b]	2.894(5)
	N6-H76···N9 [c]	2.910(5)
	N7-H77···N3 [d]	2.910(5)
	N7-H78···O7 [c]	2.894(5)

Symmetry codes: [a] 1/2-x, -y, 1/2+z; [b] 3/2-x, -1/2+y, 1-z; [c] 3/2-x, 1/2+y, -z; [d] x, 1+y, z; [e] x, -1+y, z; [f] -1+x, y, z; [g] 5/2-x, 1/2+y, 2-z; [h] -2-x, -1/2+y,-z; [i] 2-x, 1/2+y, -z.

Table S2 Details of hydrogen bonding in the alkylsilylated adenosine crystals.

crystal	D-H···A	D···A distance / Å
4	N6-H2···N7 [h]	2.972(8)
	N6-H3···N1 [i]	2.999(9)
5	N3-H3A···N4 [c]	3.026(7)
	N3-H3B···N1 [a]	2.907(7)
	O4-H4A···N2 [b]	2.867(6)
	N8-H8A···N9 [d]	3.099(7)
	N8-H8B···N6 [e]	2.823(7)
	O8-H8O···N7	2.818(7)
6	N6-H6A···N7 [f]	2.975(4)
	N6-H6B···N1 [g]	3.089(4)

Symmetry codes : [a] -1-x, -1/2+y,-1-z; [b] x, -1+y, z; [c] -1-x, 1/2+y, -1-z; [d] -1-x, -1/2+y, -z; [e] -1-x, 1/2+y, -z ; [f] 2-x, 1/2+y, 1/2-z ; [g] 2-x, -1/2+y, 1/2-z; [h] -2-x, -1/2+y, -1-z ; [i] -2-x, 1/2+y, -1-z.

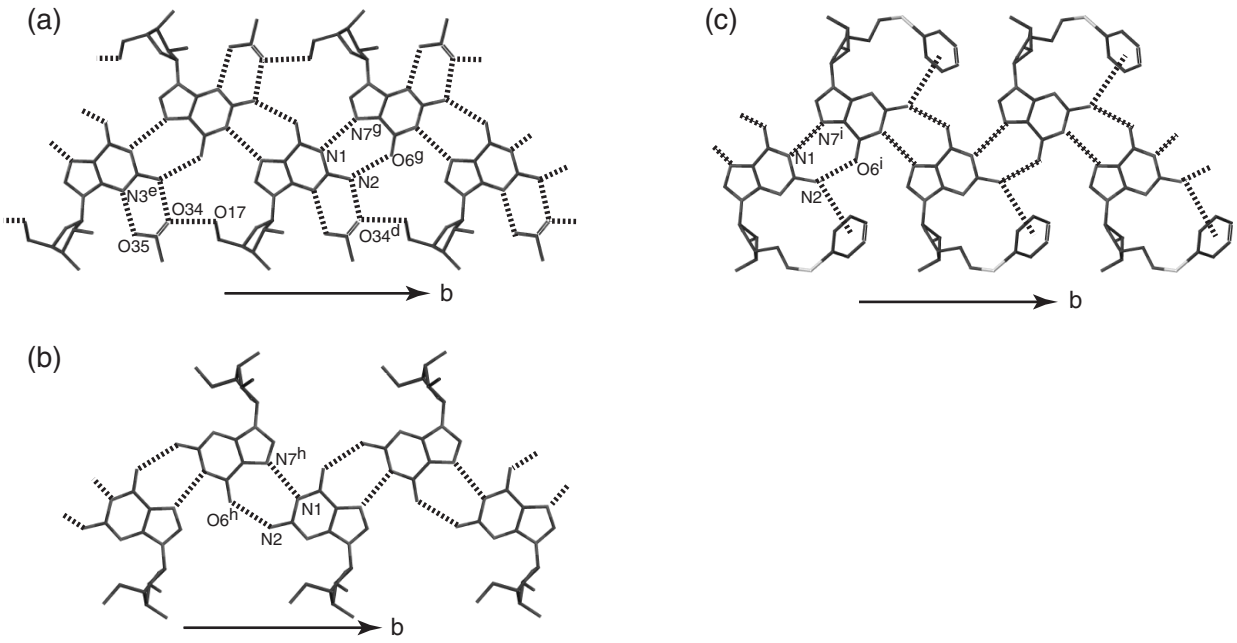

Figure S1 Hydrogen bonded tape motifs in **2c AcOH**(a), **1b**(b) and **1a MeOH**(c). Alkylsilyl groups and hydrogen atoms were ommited for clarity. Dotted lines indicated hydrogen bonds. Symmetry codes: ^{d} x, 1+y, z; ^{e} x, -1+y, z; ^{g} 5/2-x, 1/2+y, 2-z; ^{h} -2-x, -1/2+y, -z; ^{i} 2-x, 1/2+y, -z.

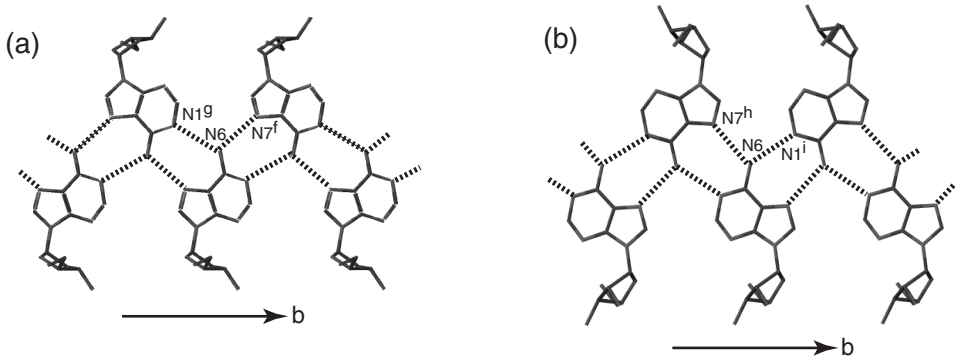

Figure S2 Hydrogen bonded tape motifs in **6** (a) and **4** (b). Alkylsilyl groups and hydrogen atoms were ommited for clarity. Dotted lines indicated hydrogen bonds. Symmetry codes: ^{f} 2-x, 1/2+y, 1/2-z; ^{g} 2-x, -1/2+y, 1/2-z; ^{h} -2-x, -1/2+y, -1-z; ^{i} -2-x, 1/2+y, -1-z.