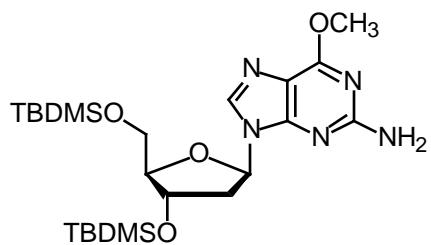


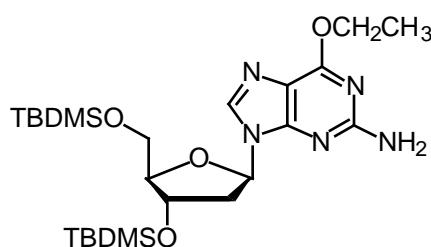
Thin-layer chromatography was performed on 250  $\mu$  silica plates, while column chromatographic purifications were performed on 200-300 mesh silica gel. All reagents were obtained from commercial sources and used without further purification. Compound **2** was prepared as described in the literature.<sup>7</sup> NMR spectra were recorded at 500 MHz in deacidified CDCl<sub>3</sub>. Deacidification was performed by percolating the solvent through a bed of solid NaHCO<sub>3</sub> and basic alumina. Chemical shifts ( ) are in ppm and coupling constants (J) are in Hz.

### *O*<sup>6</sup>-Methyl-3',5'-bis-*O*-tert-butyldimethylsilyl-2'-deoxyguanosine **4a**



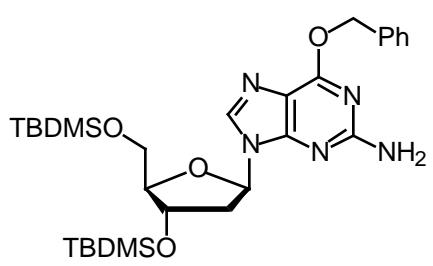
Colorless solid, R<sub>f</sub> (silica/CH<sub>2</sub>Cl<sub>2</sub>) = 0.38. <sup>1</sup>H NMR: 7.92 (s, 1H<sub>8</sub>), 6.33 (t, 1H<sub>1'</sub>, J = 6.5), 4.84 (s, 2H, NH<sub>2</sub>), 4.60 (m, 1H<sub>3'</sub>), 4.07 (s, 3H, OCH<sub>3</sub>), 3.98 (app q, 1H<sub>4'</sub>, J<sub>app</sub> = 3.9), 3.82 (dd, 1H<sub>5'</sub>, J = 4.3, 11.1), 3.76 (dd, 1H<sub>5'</sub>, J = 3.2, 11.1), 2.58 (app quint, 1H<sub>2'</sub>, J<sub>app</sub> = 6.8), 2.36 (ddd, 1H<sub>2'</sub>, J = 3.8, 6.1, 13.0), 0.92 (s, 18H, *tert*-Bu), 0.11, 0.09, 0.08 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>23</sub>H<sub>44</sub>N<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 510.2932, found: 510.2946.

### *O*<sup>6</sup>-Ethyl-3',5'-bis-*O*-tert-butyldimethylsilyl-2'-deoxyguanosine **4b**



Colorless solid, R<sub>f</sub> (silica/1% MeOH in CH<sub>2</sub>Cl<sub>2</sub>) = 0.23. <sup>1</sup>H NMR: 7.91 (s, 1H<sub>8</sub>), 6.33 (t, 1H<sub>1'</sub>, J = 6.6), 4.80 (s, 2H, NH<sub>2</sub>), 4.59 (m, 1H<sub>3'</sub>), 4.55 (q, 2H, OCH<sub>2</sub>, J = 7.1), 3.98 (app q, 1H<sub>4'</sub>, J<sub>app</sub> = 3.5), 3.82 (dd, 1H<sub>5'</sub>, J = 4.3, 11.1), 3.76 (dd, 1H<sub>5'</sub>, J = 3.2, 11.1), 2.58 (app quint, 1H<sub>2'</sub>, J<sub>app</sub> = 6.5), 2.36 (ddd, 1H<sub>2'</sub>, J = 3.7, 6.1, 13.0), 0.92 (s, 18H, *tert*-Bu), 0.11-0.09 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>24</sub>H<sub>46</sub>N<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 524.3088, found: 524.3076.

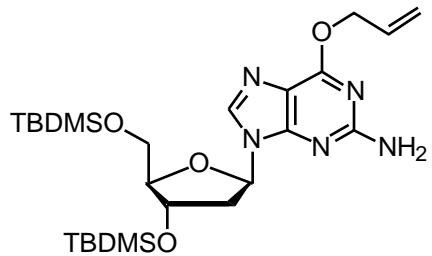
### *O*<sup>6</sup>-Benzyl-3',5'-bis-*O*-tert-butyldimethylsilyl-2'-deoxyguanosine **4c**



Clear crystalline solid, R<sub>f</sub> (silica/2.5% MeOH in CH<sub>2</sub>Cl<sub>2</sub>) = 0.66. <sup>1</sup>H NMR: 7.95 (s, 1H<sub>8</sub>), 7.50 (d, 2H, ArH, J = 8.3), 7.33 (m, 3H, ArH), 6.34 (t, 1H<sub>1'</sub>, J = 6.4), 5.59 (d, 1H, OCH<sub>2</sub>, J = 12.3), 5.56 (d, 1H, OCH<sub>2</sub>, J = 12.3), 5.06 (s, 2H, NH<sub>2</sub>), 4.59 (m, 1H<sub>3'</sub>), 3.98 (app q, 1H<sub>4'</sub>, J<sub>app</sub> = 3.2), 3.83 (dd, 1H<sub>5'</sub>, J = 4.2, 11.2), 3.75 (dd, 1H<sub>5'</sub>, J = 3.1, 11.2), 2.55 (app

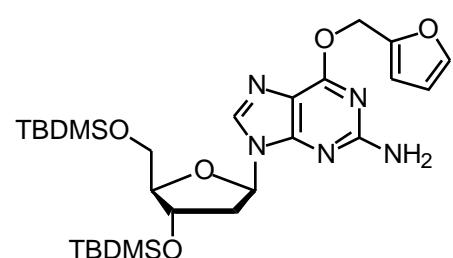
quint,  $1H_{2'}$ ,  $J_{app} = 6.0$ ), 2.38 (ddd,  $1H_{2'}$ ,  $J = 4.0, 6.1, 13.1$ ), 0.913, 0.908 (2s, 18H, *tert*-Bu), 0.10-0.08 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>29</sub>H<sub>48</sub>N<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 586.3245, found: 586.3224.

### *O*<sup>6</sup>-Allyl-3',5'-bis-*O*-tert-butyldimethylsilyl-2'-deoxyguanosine 4d



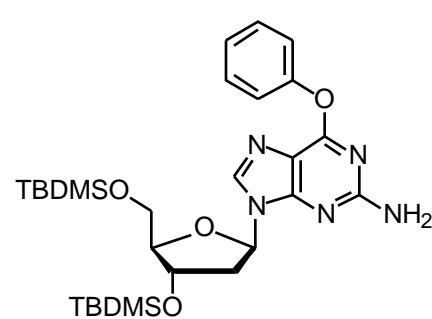
White solid, R<sub>f</sub> (silica/CH<sub>2</sub>Cl<sub>2</sub>) = 0.10. <sup>1</sup>H NMR: 7.91 (s, 1H<sub>8</sub>), 6.32 (d, 1H<sub>1'</sub>,  $J = 6.5$ ), 6.13 (tdd, 1H, =CH,  $J = 5.7, 10.4, 17.2$ ), 5.33 (dd, 1H, =CH<sub>trans</sub>,  $J = 1.5, 17.2$ ), 5.26 (dd, 1H, =CH<sub>cis</sub>,  $J = 1.5, 10.4$ ), 5.01 (d, 2H, OCH<sub>2</sub>,  $J = 5.7$ ), 4.82 (s, 2H, NH<sub>2</sub>), 4.59 (m, 1H<sub>3'</sub>), 3.98 (app q, 1H<sub>4'</sub>,  $J_{app} = 3.3$ ), 3.81 (dd, 1H<sub>5'</sub>,  $J = 4.3, 11.1$ ), 3.75 (dd, 1H<sub>5'</sub>,  $J = 3.2, 11.1$ ), 2.56 (app quint, 1H<sub>2'</sub>,  $J_{app} = 6.0$ ), 2.35 (ddd, 1H<sub>2'</sub>,  $J = 3.7, 6.1, 13.1$ ), 0.913, 0.910 (2s, 18H, *tert*-Bu), 0.11, 0.080, 0.075 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>25</sub>H<sub>46</sub>N<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 536.3088, found: 536.3074.

### *O*<sup>6</sup>-(2-Furylmethyl)-3',5'-bis-*O*-tert-butyldimethylsilyl-2'-deoxyguanosine 4e



Yellow waxy solid, R<sub>f</sub> (silica/2% MeOH in CH<sub>2</sub>Cl<sub>2</sub>) = 0.65. <sup>1</sup>H NMR: 7.91 (s, 1H<sub>8</sub>), 7.41 (dd, 1H<sub>furan</sub>,  $J = 0.7, 1.8$ ), 6.48 (d, 1H<sub>furan</sub>,  $J = 3.2$ ), 6.35 (m, 1H<sub>furan</sub>), 6.31 (t, 1H<sub>1'</sub>,  $J = 6.6$ ), 5.51 (d, 1H, OCH<sub>2</sub>,  $J = 13.0$ ), 5.48 (d, 1H, OCH<sub>2</sub>,  $J = 13.0$ ), 4.86 (s, 2H, NH<sub>2</sub>), 4.59 (m, 1H<sub>3'</sub>), 3.97 (app q, 1H<sub>4'</sub>,  $J_{app} = 3.2$ ), 3.81 (dd, 1H<sub>5'</sub>,  $J = 4.3, 11.2$ ), 3.75 (dd, 1H<sub>5'</sub>,  $J = 3.2, 11.2$ ), 2.55 (app quint, 1H<sub>2'</sub>,  $J_{app} = 6.0$ ), 2.34 (ddd, 1H<sub>2'</sub>,  $J = 3.8, 6.0, 13.1$ ), 0.914, 0.908 (2s, 18H, *tert*-Bu), 0.10, 0.08, 0.07 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>27</sub>H<sub>46</sub>N<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 576.3037, found: 576.3030.

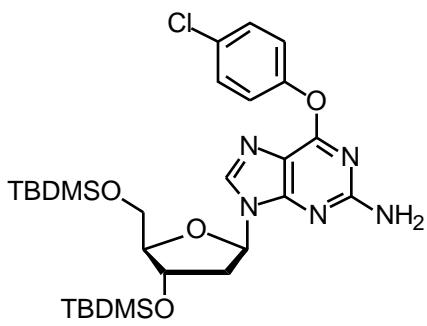
### *O*<sup>6</sup>-Phenyl-3',5'-bis-*O*-tert-butyldimethylsilyl-2'-deoxyguanosine 4f



Colorless solid, R<sub>f</sub> (silica/CH<sub>2</sub>Cl<sub>2</sub>) = 0.42. <sup>1</sup>H NMR: 8.02 (s, 1H<sub>8</sub>), 7.41 (t, 1H, ArH,  $J = 3.0$ ), 7.26 (t, 1H, ArH,  $J = 3.0$ ), 7.25 (d, 1H, ArH,  $J = 1.8$ ), 6.36 (t, 1H<sub>1'</sub>,  $J = 6.0$ ), 4.80 (s, 2H, NH<sub>2</sub>), 4.62 (m, 1H<sub>3'</sub>), 4.00 (app q, 1H<sub>4'</sub>,  $J_{app} = 3.3$ ), 3.85 (dd, 1H<sub>5'</sub>,  $J = 4.3, 11.2$ ), 3.78 (dd, 1H<sub>5'</sub>,  $J = 3.2, 11.2$ ), 2.60 (app quint, 1H<sub>2'</sub>,  $J_{app} = 6.6$ ), 2.39 (ddd, 1H<sub>2'</sub>,  $J = 3.9, 6.1, 13.0$ ), 0.933, 0.928 (2s, 18H, *tert*-Bu), 0.12, 0.11 (2s, 12H, SiCH<sub>3</sub>).

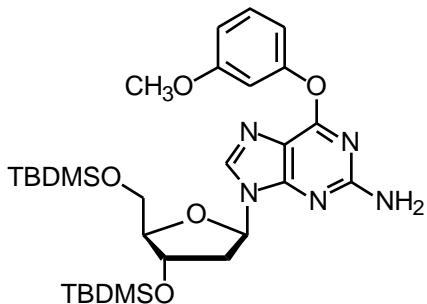
HRMS Calcd for C<sub>28</sub>H<sub>46</sub>N<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 572.3088, found: 572.3104.

***O<sup>6</sup>-(4-Chlorophenyl)-3',5'-bis-O-tert-butyldimethylsilyl-2'-deoxyguanosine 4g***



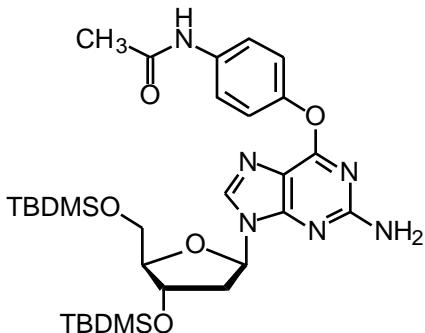
Clear solid,  $R_f$  (silica/2% EtOAc in  $\text{CH}_2\text{Cl}_2$ ) = 0.47.  $^1\text{H}$  NMR: 8.03 (s, 1H<sub>8</sub>), 7.37 (d, 2H, ArH,  $J$  = 8.8), 7.20 (d, 2H, ArH,  $J$  = 8.8), 6.36 (t, 1H<sub>1'</sub>,  $J$  = 6.5), 4.80 (s, 2H, NH<sub>2</sub>), 4.62 (m, 1H<sub>3'</sub>), 4.00 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 3.4), 3.85 (dd, 1H<sub>5'</sub>,  $J$  = 4.2, 11.2), 3.78 (dd, 1H<sub>5'</sub>,  $J$  = 3.1, 11.2), 2.59 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 5.9), 2.39 (ddd, 1H<sub>2'</sub>,  $J$  = 3.9, 6.1, 13.0), 0.932, 0.928 (2s, 18H, *tert*-Bu), 0.12, 0.11 (2s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>28</sub>H<sub>45</sub>ClN<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> ( $M^+ + 1$ ): 606.2699, found: 606.2704.

***O<sup>6</sup>-(3-Methoxyphenyl)-3',5'-bis-O-tert-butyldimethylsilyl-2'-deoxyguanosine 4h***



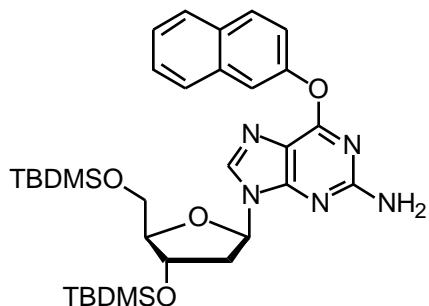
White foam,  $R_f$  (silica/CH<sub>2</sub>Cl<sub>2</sub>) = 0.37.  $^1\text{H}$  NMR: 8.00 (s, 1H<sub>8</sub>), 7.29 (t, 1H, ArH,  $J$  = 8.1), 6.85 (ddd, 1H, ArH,  $J$  = 0.9, 2.1, 8.1), 6.79 (m, 2H, ArH), 6.34 (t, 1H<sub>1'</sub>,  $J$  = 6.5), 4.79 (s, 2H, NH<sub>2</sub>), 4.60 (m, 1H<sub>3'</sub>), 3.98 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 4.0), 3.82 (dd, 1H<sub>5'</sub>,  $J$  = 4.3, 11.2), 3.80 (s, 3H, OCH<sub>3</sub>), 3.76 (dd, 1H<sub>5'</sub>,  $J$  = 3.2, 11.2), 2.58 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 5.9), 2.37 (ddd, 1H<sub>2'</sub>,  $J$  = 3.8, 6.1, 13.0), 0.302, 0.298 (2s, 18H, *tert*-Bu), -0.291, -0.300, -0.301 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>29</sub>H<sub>48</sub>N<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> ( $M^+ + 1$ ): 602.3194, found: 602.3181.

***O<sup>6</sup>-(4-Acetylaminophenyl)-3',5'-bis-O-tert-butyldimethylsilyl-2'-deoxyguanosine 4i***



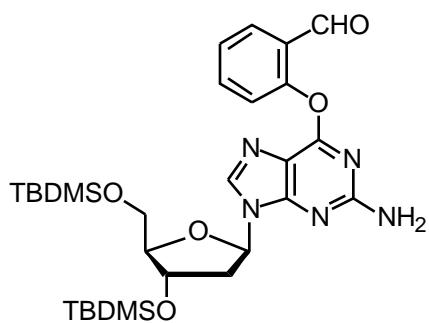
Light cream foam,  $R_f$  (silica/5% MeOH in CH<sub>2</sub>Cl<sub>2</sub>) = 0.15.  $^1\text{H}$  NMR: 8.02 (s, 1H<sub>8</sub>), 7.53 (d, 2H, ArH,  $J$  = 8.8), 7.31 (s, 1H, NH), 7.20 (d, 2H, ArH,  $J$  = 8.8), 6.35 (t, 1H<sub>1'</sub>,  $J$  = 6.5), 4.83 (s, 2H, NH<sub>2</sub>), 4.61 (m, H<sub>3'</sub>), 4.00 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 3.6), 3.84 (dd, 1H<sub>5'</sub>,  $J$  = 4.2, 11.2), 3.78 (dd, 1H<sub>5'</sub>,  $J$  = 3.1, 11.2), 2.59 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 6.3), 2.39 (ddd, 1H<sub>2'</sub>,  $J$  = 3.9, 6.0, 13.0), 2.20 (s, 3H, COCH<sub>3</sub>), 0.93, 0.92 (2s, 18H, *tert*-Bu), 0.11, 0.10 (2s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>30</sub>H<sub>49</sub>N<sub>6</sub>O<sub>5</sub>Si<sub>2</sub> ( $M^+ + 1$ ): 629.3303, found: 629.3275.

*O<sup>6</sup>-(2-Naphthyl)-3',5'-bis-O-tert-butyldimethylsilyl-2'-deoxyguanosine 4j*



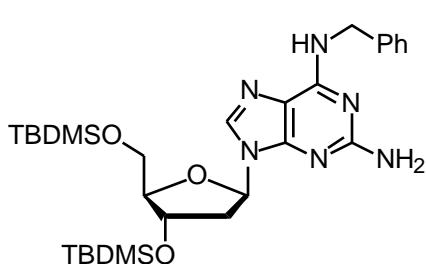
Pale yellow thick oil,  $R_f$  (silica/2% EtOAc in  $\text{CH}_2\text{Cl}_2$ ) = 0.37.  $^1\text{H}$  NMR: 8.05 (s, 1H<sub>8</sub>), 7.88 (d, 2H, ArH,  $J$  = 8.9), 7.83 (d, 1H, ArH,  $J$  = 7.7), 7.70 (d, 1H, ArH,  $J$  = 2.2), 7.52-7.46 (m, 2H, ArH), 7.40 (dd, 1H, ArH,  $J$  = 2.2, 8.9), 6.37 (t, 1H<sub>1'</sub>,  $J$  = 6.5), 4.77 (s, 2H, NH<sub>2</sub>), 4.63 (m, 1H<sub>3'</sub>), 4.01 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 3.3), 3.86 (dd, 1H<sub>5'</sub>,  $J$  = 4.3, 11.2), 3.79 (dd, 1H<sub>5'</sub>,  $J$  = 3.2, 11.2), 2.61 (app quint, 1H<sub>2'</sub>,  $J$  = 6.4), 2.40 (ddd, 1H<sub>2'</sub>,  $J$  = 3.9, 6.1, 13.1), 0.94, 0.93 (2s, 18H, *tert*-Bu), 0.12, 0.11 (2s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>32</sub>H<sub>48</sub>N<sub>5</sub>O<sub>4</sub>Si<sub>2</sub> ( $M^+ + 1$ ): 622.3245, found: 622.3271.

*O<sup>6</sup>-(2-Formylphenyl)-3',5'-bis-O-tert-butyldimethylsilyl-2'-deoxyguanosine 4k*



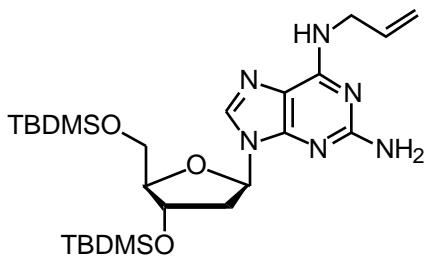
Pale yellow solid,  $R_f$  (silica/2% MeOH in  $\text{CH}_2\text{Cl}_2$ ) = 0.40.  $^1\text{H}$  NMR: 10.25 (s, 1H, CHO), 8.06 (s, 1H<sub>8</sub>), 7.98 (dd, 1H, ArH,  $J$  = 2.0, 7.7), 7.66 (dt, 1H, ArH,  $J$  = 2.0, 7.5), 7.40 (t, 1H, ArH,  $J$  = 7.5), 7.30 (d, 1H, ArH,  $J$  = 8.2), 6.35 (t, 1H<sub>1'</sub>,  $J$  = 6.4), 4.79 (s, 2H, NH<sub>2</sub>), 4.62 (m, 1H<sub>3'</sub>), 4.01 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 3.6), 3.86 (dd, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 3.6), 3.86 (dd, 1H<sub>5'</sub>,  $J$  = 4.2, 11.2), 3.78 (dd, 1H<sub>5'</sub>,  $J$  = 3.2, 11.2), 2.61 (app quint, 1H<sub>2'</sub>,  $J$  = 6.8), 2.40 (ddd, 1H<sub>2'</sub>,  $J$  = 3.9, 6.1, 13.1), 0.93, 0.92 (2s, 18H, *tert*-Bu), 0.12-0.11 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>29</sub>H<sub>46</sub>N<sub>5</sub>O<sub>5</sub>Si<sub>2</sub> ( $M^+ + 1$ ): 600.3037, found: 600.3038.

**2-Amino-6-(benzylamino)-9-[2-deoxy-3,5-bis-(*tert*-butyldimethylsilyl)-D-*erythro*-pentofuranosyl]purine 5a**



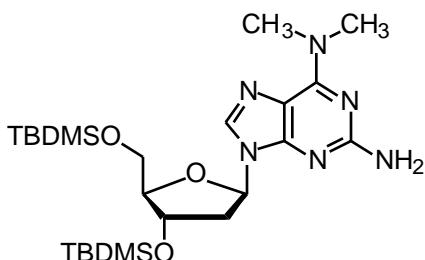
Colorless powder,  $R_f$  (silica/3% MeOH in  $\text{CH}_2\text{Cl}_2$ ) = 0.49.  $^1\text{H}$  NMR: 7.76 (s, 1H<sub>8</sub>), 7.33 (5H, m, ArH), 6.31 (t, 1H<sub>1'</sub>,  $J$  = 6.6), 5.83 (1H, s, NH), 4.79 (2H, s, NH<sub>2</sub>), 4.70 (2H, s, NCH<sub>2</sub>), 4.59 (m, 1H<sub>3'</sub>), 3.98 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 4.1), 3.82 (dd, 1H<sub>5'</sub>,  $J$  = 4.5, 11.1), 3.76 (dd, 1H<sub>5'</sub>,  $J$  = 3.4, 11.1), 2.59 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 6.1), 2.35 (ddd, 1H<sub>2'</sub>,  $J$  = 3.7, 6.0, 13.0), 0.92 (2s, 18H, *tert*-Bu), 0.11, 0.08, 0.08 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>29</sub>H<sub>48</sub>N<sub>6</sub>NaO<sub>3</sub>Si<sub>2</sub> ( $M^+ + \text{Na}$ ): 607.3224, found: 607.3233.

**2-Amino-6-(allylamino)-9-[2-deoxy-3,5-bis-*O*-(*tert*-butyldimethylsilyl)- -D-*erythro*-pentofuranosyl]purine 5b**



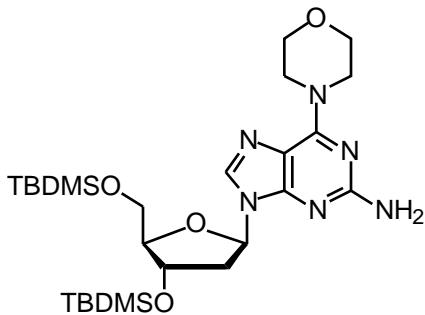
Light yellowish powder,  $R_f$  (silica/3% MeOH in  $\text{CH}_2\text{Cl}_2$ ) = 0.24.  $^1\text{H}$  NMR: 7.77 (s, 1H<sub>8</sub>), 6.30 (t, 1H<sub>1'</sub>,  $J$  = 6.8), 5.87 (tdd, 1H, =CH,  $J$  = 6.0, 10.3, 17.0), 5.58 (br s, NH), 5.28 (dd, 1H, =CH<sub>trans</sub>,  $J$  = 1.2, 17.0), 5.16 (d, 1H, =CH<sub>cis</sub>  $J$  = 1.2, 10.3), 4.67 (br s, 2H, NCH<sub>2</sub>), 4.59 (m, 1H<sub>3'</sub>), 4.23 (br s, NH<sub>2</sub>), 3.97 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 3.5), 3.82 (dd, 1H<sub>5'</sub>,  $J$  = 4.5, 11.0), 3.76 (dd, 1H<sub>5'</sub>,  $J$  = 3.3, 11.0), 2.60 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 7.0), 2.34 (ddd, 1H<sub>2'</sub>,  $J$  = 3.5, 5.9, 12.9), 0.92 (2s, 18H, *tert*-Bu), 0.11, 0.09, 0.08 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>25</sub>H<sub>47</sub>N<sub>6</sub>O<sub>3</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 535.3248, found: 535.3262.

**2-Amino-6-(dimethylamino)-9-[2-deoxy-3,5-bis-*O*-(*tert*-butyldimethylsilyl)- -D-*erythro*-pentofuranosyl]purine 5c**



Colorless powder,  $R_f$  (silica/3% MeOH in  $\text{CH}_2\text{Cl}_2$ ) = 0.47.  $^1\text{H}$  NMR: 7.71 (s, 1H<sub>8</sub>); 6.33 (t, 1H<sub>1'</sub>,  $J$  = 6.1); 4.58 (s, NH<sub>2</sub>); 4.58 (m, 1H<sub>3'</sub>); 3.98 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 4.0); 3.78 (dd, 1H<sub>5'</sub>,  $J$  = 4.6, 11.1); 3.75 (dd, 1H<sub>5'</sub>,  $J$  = 3.8, 11.1); 3.45 (s, 6H, NCH<sub>3</sub>); 2.57 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 6.6); 2.34 (ddd, 1H<sub>2'</sub>,  $J$  = 3.4, 6.0, 13.1); 0.92, 0.91 (2s, 18H, *tert*-Bu); 0.11, 0.08, 0.07 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>24</sub>H<sub>47</sub>N<sub>6</sub>O<sub>3</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 523.3248, found: 523.3224.

**2-Amino-6-morpholino-9-[2-deoxy-3,5-bis-*O*-(*tert*-butyldimethylsilyl)- -D-*erythro*-pentofuranosyl]purine 5d**



Colorless powder,  $R_f$  (silica/3% MeOH in  $\text{CH}_2\text{Cl}_2$ ) = 0.27.  $^1\text{H}$  NMR: 7.73 (s, 1H<sub>8</sub>), 6.33 (t, 1H<sub>1'</sub>,  $J$  = 6.7), 4.61 (s, NH<sub>2</sub>), 4.58 (m, 1H<sub>3'</sub>), 4.23 (br s, 4H, NCH<sub>2</sub>), 3.97 (app q, 1H<sub>4'</sub>,  $J_{\text{app}}$  = 4.1), 3.80 (t, 4H, OCH<sub>2</sub>,  $J$  = 4.9), 3.78 (dd, 1H<sub>5'</sub>,  $J$  = 4.6, 11.1), 3.75 (dd, 1H<sub>5'</sub>,  $J$  = 3.6, 11.1), 2.56 (app quint, 1H<sub>2'</sub>,  $J_{\text{app}}$  = 6.5), 2.34 (ddd, 1H<sub>2'</sub>,  $J$  = 3.4, 6.0, 13.0), 0.92, 0.91 (2s, 18H, *tert*-Bu), 0.10, 0.08, 0.07 (3s, 12H, SiCH<sub>3</sub>). HRMS Calcd for C<sub>26</sub>H<sub>49</sub>N<sub>6</sub>O<sub>4</sub>Si<sub>2</sub> (M<sup>+</sup> + 1): 565.3354, found: 565.3377.