Supplementary Material
for
“Highly Stereoselective Prins Cyclization of Silylmethyl Substituted Cyclopropyl Carbinols to 2,4,6-Trisubstituted Tetrahydropyrans.”

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General. ^1H , ^{13}C and ^{19}F NMR spectra were recorded on JEOL JNM-LA400 instrument using solutions in CDCl_3 . These spectra were referred, respectively, to TMS used as an internal standard, the central line for CDCl_3 and CFCl_3 (δ_{F} 0.00 ppm) as internal standard. Elemental (C and H) analyses were done on Perkin-Elmer 240-C automatic elemental analyzer. All the reactions were carried out using freshly distilled and dry solvents. Column chromatography was performed over silica gel (100-200 mesh) from Acme Chemicals using mixtures of hexanes and EtOAc as eluent. The separation of products was achieved by radial chromatography using plates coated with silica gel PF₂₅₄ (E-Merck). Solvents were removed under reduced pressure on a rotovap. Organic extracts were dried with anhydrous Na_2SO_4 .

General procedure for the TFA-induced Prins reaction of silylmethyl substituted cyclopropyl carbinol 1 with an aldehyde. A solution of cyclopropyl carbinol **1** (76 mg, 0.19 mmol) and an aldehyde (0.29 mmol) in CH_2Cl_2 (2 mL) was cooled to $-30\text{ }^\circ\text{C}$ in a round bottom flask and mixed with TFA (0.146 mL, 1.9 mmol). The reaction was quenched with saturated aqueous NaHCO_3 when it was complete by TLC (~ 1.5 h) and it was stirred vigorously for 10 minutes. The layers were separated and the aqueous layer was extracted with Et_2O (2 x 10 mL). The combined organic layers were dried, filtered and concentrated. The crude material was dissolved in methanol (2 mL), mixed with K_2CO_3 (50 mg, 0.35 mmol) and stirred for 19 h at room temperature. Methanol was removed and the residue was dissolved in water (2 mL) and Et_2O (5 mL). The layers were separated and the aqueous layer was extracted with Et_2O (2 x 10 mL). The combined organic layer was dried, filtered and concentrated. The crude material was purified by radial chromatography.

General procedure for the $\text{BF}_3 \cdot \text{OEt}_2$ -assisted Prins reaction of silylmethyl substituted cyclopropyl carbinol with aldehydes and ketones. The stirred solution of a cyclopropyl carbinol (0.19 mmol) and an aldehyde (0.29 mmol) or a ketone (0.38 mmol) in CH_2Cl_2 (2 mL) at $-30\text{ }^\circ\text{C}$ ($-30\text{ }^\circ\text{C}$ to room temperature in case of ketones) was treated dropwise with $\text{BF}_3 \cdot \text{OEt}_2$ (0.38 mmol) under nitrogen. The reaction was monitored by TLC (approximately 1.5 h for aldehydes and 4.5 h for ketones). After completion of the reaction, it was quenched with saturated aqueous NaHCO_3 . The mixture was extracted with Et_2O (2 x 10 mL) and the combined organic extract was washed with water and brine, dried, filtered and concentrated. The crude material was purified by radial chromatography for the products.

^1H NMR: δ 7.57-7.55 (4H, dd, $J = 7.8, 1.2$ Hz), 7.4-7.17 (11H, m), 3.67-3.64 (1H, d, $J = 11.2$ Hz), 3.15-3.12 (1H, d, $J = 11.2$ Hz), 1.29-1.25 (1H, dd, $J = 15.4, 3.4$ Hz), 1.01-0.93 (1H, m), 0.95 (9H, s), 0.75-0.72 (1H, dd, $J = 11, 4.9$ Hz), 0.51-0.48 (1H, t, $J = 4.9$ Hz), 0.33-0.26 (1H, dd, $J = 15.4, 5.1$ Hz). ^{13}C NMR: δ 139.4, 136.1, 136.0, 135.0, 130.6, 129.1, 129.0, 128.3, 127.5, 127.4, 126.6, 72.0, 60.4, 34.4, 27.8, 18.2, 18.0, 14.2, 11.3. Anal Calcd for $\text{C}_{27}\text{H}_{32}\text{OSi}$: C, 80.95; H, 8.05. Found: C, 80.80; H, 7.90.

^1H NMR: δ 7.69-7.63 (4H, m), 7.40-7.26 (11H, m), 3.90-3.84 (1H, m), 3.61-3.57 (1H, m), 1.70-1.21 (10H, m), 1.05 (9H, s), 0.83-0.80 (3H, t, $J = 7.1$ Hz). ^{13}C NMR: δ 148.2, 136.3, 136.2, 135.1, 134.8, 129.1, 129.0, 128.3, 127.5, 127.4, 127.0, 124.3, 72.7, 72.3, 70.4, 46.8, 43.9, 38.3, 27.8, 18.5, 18.49, 18.1, 14.1. Anal Calcd for $\text{C}_{31}\text{H}_{40}\text{O}_2\text{Si}$: C, 78.76; H, 8.53 Found: C, 78.60; H, 8.40.

^1H NMR: δ 7.72-7.65 (4H, m), 7.41-7.33 (7H, m), 7.26-7.13 (4H, m), 5.87 (1H, s), 3.90 (1H, broad s), 3.66-3.60 (1H, m), 2.22-2.17 (2H, m), 2.08-2.04 (1H, dt, $J = 16.6, 2.9$ Hz), 1.80-1.75 (1H, dd, $J = 14.6, 7.3$ Hz), 1.54-1.40 (2H, m), 1.32-1.22 (2H, m), 1.07 (9H, s), 0.86-0.82 (3H, t, $J = 7.3$ Hz). ^{13}C NMR: δ 140.1, 136.3, 136.2, 136.1, 135.3, 135.1, 134.6, 134.4, 129.9, 128.2, 127.4, 127.0, 126.1, 74.8, 71.7, 37.9, 36.3, 27.9, 18.9, 18.4, 18.2, 14.2. Anal Calcd for $\text{C}_{31}\text{H}_{38}\text{OSi}$: C, 81.88; H, 8.42. Found: C, 81.75; H, 8.30.

^1H NMR: δ 7.73-7.68 (4H, m), 7.42-7.35 (7H, m), 7.23-7.17 (2H, m), 7.06-7.04 (2H, m), 5.70 (1H, s), 4.31 (1H, broad s), 3.47-3.40 (1H, m), 2.23-2.19 (2H, m), 1.80-1.75 (1H, dd, $J = 14.6, 6.1$ Hz), 1.53-1.26 (4H, m), 1.06-1.00 (1H, m), 1.05 (9H, s), 0.89-0.86 (3H, t, $J = 7.3$ Hz). ^{13}C NMR: δ 139.9, 136.3, 133.1, 129.0, 128.1, 127.6, 127.5, 127.0, 124.6, 73.8, 72.9, 38.3, 32.5, 27.8, 18.6, 18.4, 18.2, 14.1. Anal Calcd for $\text{C}_{31}\text{H}_{38}\text{OSi}$: C, 81.88; H, 8.42. Found: 81.70; H, 8.30.

^1H NMR: δ 7.68-7.63 (4H, m), 7.40-7.12 (16H, m), 4.67-4.64 (1H, dd, J = 11.4, 2.4 Hz), 4.07-4.00 (1H, m), 1.91-1.86 (1H, dt, J = 13.7, 2.2 Hz), 1.81-1.74 (2H, m), 1.55-1.42 (3H, m), 1.05 (9H, s). ^{13}C NMR: δ 147.8, 142.7, 136.3, 136.22, 136.2, 129.0, 128.9, 128.3, 128.0, 127.4, 127.0, 126.9, 125.7, 124.3, 75.0, 72.4, 71.2, 46.4, 45.6, 27.8, 18.5, 18.1. Anal Calcd for $\text{C}_{34}\text{H}_{38}\text{O}_2\text{Si}$: C, 80.58; H, 7.56. Found: C, 80.45; H, 7.40.

^1H NMR: δ 7.75-7.67 (4H, m), 7.43-7.34 (6H, m), 7.3-7.16 (8H, m), 7.11-7.09 (2H, m), 6.02 (1H, s), 5.02 (1H, s), 3.91-3.84 (1H, m), 2.29-2.21 (1H, m), 2.11-2.06 (1H, dt, J = 16.8, 2.9 Hz), 1.91-1.86 (1H, dd, J = 14.9, 6.3 Hz), 1.62-1.57 (1H, dd, J = 14.9, 7.8 Hz), 1.05 (9H, s). ^{13}C NMR: δ 141.4, 139.6, 136.2, 136.1, 135.3, 134.5, 134.3, 129.0, 128.4, 128.2, 127.6, 127.56, 127.3, 125.3, 124.7, 77.8, 72.4, 35.7, 27.8, 19.2, 18.2. Anal Calcd for $\text{C}_{34}\text{H}_{36}\text{OSi}$: C, 83.56; H, 7.42. Found: C, 83.42; H, 7.35.

^1H NMR: δ 7.72-7.70 (4H, dd, J = 7.8, 1.2 Hz), 7.44-7.33 (6H, m), 7.32-7.18 (8H, m), 7.08-7.05 (2H, m), 5.84- 5.835 (1H, d, J = 1.5 Hz), 4.53-4.50 (2H, m), 2.51-2.45 (2H, m), 1.92-

1.87 (1H, dd, $J = 14.6, 6.3$ Hz), 1.64-1.58 (1H, dd, $J = 14.6, 8.7$ Hz), 1.06 (9H, s). ^{13}C NMR: δ 142.6, 139.5, 136.3, 136.25, 134.8, 133.2, 129.0, 128.99, 128.3, 128.2, 128.0, 127.6, 127.5, 127.2, 127.1, 125.8, 124.6, 76.1, 73.8, 34.6, 27.8, 18.3, 18.2. Anal Calcd for $\text{C}_{34}\text{H}_{36}\text{OSi}$: C, 83.56; H, 7.42. Found: C, 83.45; H, 7.28.

^1H NMR: δ 7.72-7.66 (4H, m), 7.43-7.20 (16H, m), 6.39-6.35 (1H, d, $J = 15.9$ Hz), 6.10-6.04 (1H, dd, $J = 15.9, 5.4$ Hz), 4.30-4.28 (1H, m), 4.0-3.94 (1H, m), 1.79-1.70 (4H, m), 1.49-1.42 (2H, m), 1.06 (9H, s). ^{13}C NMR: δ 147.8, 137.0, 136.3, 136.2, 135.0, 134.8, 130.1, 129.7, 129.1, 128.4, 128.3, 127.5, 127.3, 127.1, 126.4, 124.3, 73.4, 72.2, 70.9, 46.4, 43.7, 27.8, 18.3, 18.2. Anal Calcd for $\text{C}_{36}\text{H}_{40}\text{O}_2\text{Si}$: C, 81.16; H, 7.57. Found: C, 81.00; H, 7.45.

^1H NMR: δ 7.68-7.63 (4H, m), 7.42-7.20 (11H, m), 7.08-7.06 (2H, m), 6.78-6.75 (2H, dt, $J = 9.8, 2.9$ Hz), 4.63-4.59 (1H, dd, $J = 11, 2.4$ Hz), 4.06-4.00 (1H, m), 3.77 (3H, s), 1.88-1.73 (4H, m), 1.52-1.43 (2H, m), 1.05 (9H, s). ^{13}C NMR: δ 158.5, 147.8, 136.2, 135.0, 134.9, 134.8, 129.0, 128.3, 127.4, 127.1, 124.3, 113.5, 74.6, 72.4, 71.3, 55.2, 46.4, 45.5, 27.9, 18.6, 18.1. Anal Calcd for $\text{C}_{35}\text{H}_{40}\text{O}_3\text{Si}$: C, 78.31; H, 7.51. Found: C, 78.25; H, 7.40.

^1H NMR: δ 8.0-7.97 (2H, m), 7.67-7.61 (4H, m), 7.45-7.20 (11H, m), 7.13-7.11 (2H, m), 4.68-4.64 (1H, dd, $J = 11.4, 2.2$ Hz), 4.05-3.99 (1H, m), 1.92-1.86 (2H, m), 1.76-1.71 (1H,

dd, $J = 14.9, 6.0$ Hz), 1.69-1.65 (1H, m), 1.51-1.45 (1H, dd, $J = 14.9, 5.6$ Hz), 1.31-1.27 (1H, m), 1.06 (9H, s). ^{13}C NMR: δ 150.3, 147.3, 146.7, 136.2, 136.1, 135.1, 134.7, 129.1, 129.0, 128.5, 127.4, 126.2, 126.1, 124.2, 123.3, 74.0, 72.4, 71.5, 46.7, 45.7, 27.9, 18.3, 18.1. Anal Calcd for $\text{C}_{34}\text{H}_{37}\text{NO}_4\text{Si}$: C, 74.01; H, 6.76. Found: C, 73.88; H, 6.63.

^1H NMR (400 MHz, CDCl_3): δ 7.75-7.73 (2H, m), 7.68-7.66 (2H, m), 7.41-7.34 (6H, m), 7.23-7.14 (3H, m), 7.06-7.04 (2H, m), 5.84-5.835 (1H, d, $J = 2.0$ Hz), 3.89-3.86 (1H, m), 2.03-1.96 (1H, ddd, $J = 16.6, 10.0, 2.0$ Hz), 1.91-1.86 (1H, dd, $J = 16.6, 2.9$ Hz), 1.79-1.74 (1H, dd, $J = 14.6, 5.4$ Hz), 1.56-1.50 (1H, dd, $J = 14.6, 7.8$ Hz), 1.24 (3H, s), 1.05 (9H, s), 1.03 (3H, s). ^{13}C NMR: δ 136.4, 136.1, 132.5, 130.4, 129.0, 128.1, 127.6, 127.5, 126.9, 124.7, 73.2, 66.5, 35.6, 29.7, 27.8, 25.6, 25.5, 19.0. Anal Calcd for $\text{C}_{30}\text{H}_{36}\text{OSi}$: C, 81.76; H, 8.23. Found: C, 81.66; H, 8.15.

^1H NMR: δ 7.79-7.71 (4H, m), 7.47-7.38 (6H, m), 7.29-7.20 (3H, m), 7.10-7.08 (2H, m), 5.77 (1H, s), 4.35 (1H, broad s), 2.41-2.37 (1H, m), 2.16-2.11 (1H, dd, $J = 16.6, 2.7$ Hz), 1.79-1.74 (1H, dd, $J = 14.9, 6.8$ Hz), 1.59-1.53 (1H, dd, $J = 14.9, 8.5$ Hz), 1.28 (3H, s), 1.1 (9H, s), 1.04 (3H, s). ^{13}C NMR: δ 140.3, 136.3, 136.1, 135.3, 134.5, 134.1, 131.8, 128.9, 128.1, 127.6, 127.5, 127.4, 126.9, 124.7, 70.8, 67.4, 37.5, 30.5, 27.9, 23.1, 18.2, 18.18. Anal Calcd for $\text{C}_{30}\text{H}_{36}\text{OSi}$: C, 81.76; H, 8.23. Found: C, 81.65; H, 8.15.

11a

^1H NMR: δ 7.76-7.68 (3H, m), 7.42-7.33 (6H, m), 7.26-7.02 (6H, m), 5.90-5.89 (1H, d, J = 2.4 Hz), 3.90-3.83 (1H, m), 2.04-1.96 (1H, ddd, J = 16.6, 10.2, 2.4 Hz), 1.88-1.78 (2H, m), 1.69-1.40 (6H, m), 1.33-1.20 (3H, m), 1.05 (9H, s), 0.99-0.986 (2H, m). ^{13}C NMR: δ 140.2, 136.3, 136.1, 135.0, 134.1, 133.9, 133.0, 130.1, 129.1, 128.2, 127.7, 127.5, 126.9, 124.7, 74.1, 65.9, 38.2, 36.3, 33.5, 27.8, 25.7, 21.6, 18.9, 18.2. Anal Calcd for $\text{C}_{33}\text{H}_{40}\text{OSi}$: C, 82.44; H, 8.39. Found: C, 82.30; H, 8.27.

11b

^1H NMR: δ 7.63-7.61 (4H, m), 7.43-7.16 (11H, m), 5.94 (1H, s), 4.37 (1H, broad s), 2.38-2.33 (1H, m), 2.22-2.19 (1H, m), 1.50-1.26 (9H, m), 1.25-1.11 (2H, m), 1.05 (9H, s), 0.93-0.92 (1H, m). ^{13}C NMR: δ 134.0, 133.9, 133.0, 132.3, 129.8, 128.3, 128.2, 127.7, 127.0, 124.9, 71.9, 64.8, 39.1, 31.0, 26.1, 25.6, 25.5, 21.5, 21.3, 21.2. Anal Calcd for $\text{C}_{33}\text{H}_{40}\text{OSi}$: C, 82.44; H, 8.39. Found: C, 82.34; H, 8.30.

12a

12b

Mixture of 12a and 12b (12a:12b = 3:2). ^1H NMR: δ 7.75-7.66 (m), 7.42-7.32 (m), 7.24-7.16 (m), 7.12-7.06 (m), 5.78 (s), 5.77-5.76 (d, J = 1.2 Hz), 4.25 (broad s), 3.88-3.81 (m), 2.41-2.19 (m), 2.03-1.96 (m), 1.76-1.65 (m), 1.54-1.37 (m), 1.26-1.07 (m), 1.06 (s), 1.05 (s),

0.93 (s), 0.92 (s), 0.88-0.81 (m). ^{13}C NMR: δ 140.6, 140.2, 136.4, 136.35, 136.3, 136.1, 135.4, 135.2, 134.7, 134.3, 133.4, 131.7, 129.7, 128.9, 128.8, 128.1, 127.5, 127.4, 127.36, 127.3, 126.9, 124.7, 124.67, 75.5, 72.8, 67.0, 66.3, 46.0, 45.0, 36.4, 36.0, 27.9, 24.7, 20.6, 18.9, 18.2, 18.0, 16.9, 16.4, 16.2, 14.7, 14.5.

^1H NMR: δ 7.68-7.61 (4H, m), 7.41-7.34 (6H, m), 2.88-2.86 (1H, t, $J = 3.7$ Hz), 1.76-1.30 (7H, m), 1.28-1.03 (2H, m), 1.07 (9H, s), 0.96-0.86 (1H, m), 0.70-0.67 (1H, m), 0.45-0.42 (1H, dd, $J = 8.5, 4.4$ Hz), (-0.22)-(-0.24) (1H, t, $J = 4.4$ Hz). ^{13}C NMR: 136.1, 136.0, 135.1, 134.9, 129.0, 127.5, 127.47, 74.7, 32.4, 28.0, 27.9, 26.5, 25.2, 21.2, 18.5, 18.2, 16.6, 9.0. Anal Calcd for $\text{C}_{25}\text{H}_{34}\text{OSi}$: C, 79.31; H, 9.05. Found: C, 79.23; H, 8.95.

^1H NMR: δ 7.71-7.69 (2H, dd, $J = 7.3, 1.5$ Hz), 7.65-7.62 (2H, dd, $J = 7.3, 1.2$ Hz), 7.43-7.35 (6H, m), 2.71 (1H, broad s), 1.72-1.2 (8H, m), 1.10-1.04 (1H, m), 1.05 (9H, s), 0.64-0.57 (2H, m), 0.41-0.38 (1H, dd, $J = 8.5, 4.4$ Hz), (-0.08)-(-0.11) (1H, t, $J = 4.4$ Hz). ^{13}C NMR: δ 136.1, 135.9, 135.0, 134.5, 129.3, 129.1, 127.7, 127.6, 75.6, 31.4, 28.2, 27.9, 26.0, 25.1, 20.8, 19.6, 18.2, 17.5, 8.4. Anal Calcd for $\text{C}_{25}\text{H}_{34}\text{OSi}$: C, 79.31; H, 9.05. Found: C, 79.20; H, 8.92.

^1H NMR: δ 7.60-7.56 (4H, m), 7.39-7.19 (11H, m), 4.20-4.17 (1H, d, $J = 10.8$ Hz), 3.52-3.45 (1H, m), 1.69-1.64 (1H, dd, $J = 14.6, 5.4$ Hz), 1.62-1.48 (5H, m), 1.46-1.32 (4H, m), 1.28-1.05 (2H, m), 1.03-0.93 (1H, m), 0.99 (9H, s). ^{13}C NMR: δ 140.9, 136.1, 134.7, 134.3, 129.0, 128.2, 127.4, 80.1, 73.0, 70.1, 49.6, 47.4, 31.7, 27.8, 21.8, 21.3, 20.4, 18.6, 18.1. Anal Calcd for $\text{C}_{32}\text{H}_{40}\text{O}_2\text{Si}$: C, 79.29; H, 8.32. Found: C, 79.15; H, 8.20.

^1H NMR: δ 7.53-7.46 (4H, m), 7.29-7.05 (11H, m), 4.0-3.98 (1H, d, $J = 10.2$ Hz), 3.89-3.83 (1H, m), 1.63-1.56 (1H, m), 1.50-1.42 (5H, m), 1.35-1.32 (3H, m), 1.24-1.14 (1H, m), 1.07-0.99 (1H, m), 0.96-0.88 (1H, m), 0.92 (9H, s), 0.79-0.76 (1H, m). ^{13}C NMR: δ 140.9, 136.4, 135.6, 134.9, 129.2, 128.3, 127.7, 127.6, 94.5-92.8 (d, $J = 171.1$ Hz), 80.2, 72.0, 48.4-48.3 (d, $J = 19.8$ Hz), 45.7-45.5 (d, $J = 21.4$ Hz), 36.7-36.5 (d, $J = 22.2$ Hz), 28.2, 25.6, 22.8, 21.8, 21.3, 19.5, 19.4, 18.4; ^{19}F NMR (376 MHz, CDCl_3): δ -174.60 (m). Anal Calcd for $\text{C}_{32}\text{H}_{39}\text{FOSi}$: C, 78.96; H, 8.08. Found: C, 78.82; H, 7.96.

^1H NMR: δ 7.73-7.70 (2H, m), 7.66-7.63 (2H, m), 7.40-7.32 (6H, m), 5.06 (1H, broad s), 3.57-3.50 (1H, m), 1.92 (1H, broad s), 1.75-1.74 (3H, m), 1.69-1.64 (1H, dd, $J = 14.4, 3.2$ Hz), 1.63-1.50 (7H, m), 1.51-1.46 (1H, m), 1.43-1.37 (1H, dd, $J = 14.4, 9.8$ Hz), 1.42 (1H, broad s), 1.30-1.26 (2H, m), 1.24-1.17 (1H, m), 1.10-1.08 (1H, m), 1.04-0.96 (2H, m), 1.01 (9H, s). ^{13}C NMR (CD_2Cl_2): 136.9, 136.7, 136.5, 135.5, 129.4, 127.8, 127.7, 122.0, 77.1, 66.9, 46.6, 44.4, 40.3, 28.1, 28.0, 26.5, 26.1, 25.4, 24.6, 22.6, 21.6, 20.6, 19.6, 18.4. Anal Calcd for $\text{C}_{31}\text{H}_{42}\text{OSi}$: C, 81.16; H, 9.23. Found: C, 81.03; H, 9.15.

15 b

^1H NMR: δ 7.74-7.71 (2H, m), 7.67-7.64 (2H, m), 7.39-7.30 (6H, m), 3.74-3.67 (1H, m), 1.80 (1H, broad s), 1.75-1.76 (1H, dd, $J = 3.9, 14.6$ Hz), 1.68-1.59 (4H, m), 1.55-1.37 (9H, m), 1.34-1.25 (3H, m), 1.17-1.13 (1H, m), 1.00-1.03 (2H, m), 1.01 (9H, s), 0.88-0.83 (1H, m). ^{13}C NMR: δ 136.3, 136.1, 134.9, 134.3, 133.6, 129.0, 127.5, 126.1, 76.0, 64.5, 39.5, 35.4, 30.1, 30.0, 27.7, 27.67, 25.7, 24.7, 23.3, 22.6, 21.2, 21.1, 18.7. Anal Calcd for $\text{C}_{31}\text{H}_{42}\text{OSi}$: C, 81.16; H, 9.23. Found: C, 81.05; H, 9.10.

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^1H NMR: δ 7.67-7.56 (4H, m), 7.38-7.20 (11H, m), 5.18 (1H, s), 3.60-3.57 (1H, d, $J = 10.0$ Hz), 3.42-3.36 (1H, m), 2.01 (1H, broad s), 2.00-1.94 (1H, m), 1.87-1.83 (3H, m), 1.72-1.67 (1H, dd, $J = 14.6, 6.1$ Hz), 1.54 (1H, broad s), 1.46-1.41 (1H, dd, $J = 14.6, 7.4$ Hz), 1.25-1.19 (3H, m), 0.99 (9H, s). ^{13}C NMR: δ 141.2, 136.5, 136.2, 135.6, 134.5, 128.9, 128.8, 128.0, 127.4, 127.37, 127.3, 121.5, 86.3, 76.4, 43.8, 42.5, 27.9, 25.7, 25.3, 21.5, 19.3, 18.1. Anal Calcd for $\text{C}_{32}\text{H}_{38}\text{OSi}$: C, 82.35; H, 8.21. Found: C, 82.20; H, 8.10.