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2-(4-Methoxyphenyl)-3-(trimethylsilyl)-1-propene (3a).^{5c} Compound **3a+1a** (ratio 97/3) was obtained in 42% yield at 60 °C. The eluent was isohexane/diethyl ether 19:1 and the products were further purified by bulb-to-bulb distillation (~100 °C at 10 mm Hg).

2-(4-*t*-Butylphenyl)-3-(trimethylsilyl)-1-propene (3b). Compound **3b+1b** (ratio 94/6) was obtained in 47% yield at 60 °C. An alumina column was used for chromatography. The eluent was isohexane and the products were further purified by bulb-to-bulb distillation (~110 °C at 10 mm Hg). ¹H NMR (270 MHz, CDCl₃) δ 7.32 (app d, *J* = 1.7 Hz, 4 H), 5.13 (s, 1 H), 4.82 (m, 1 H), 2.00 (d, *J* = 0.7 Hz, 2 H), 1.31 (s, 9 H), -0.09 (s, 9 H); ¹³C NMR (67.8 MHz, CDCl₃) δ 150.1, 146.2, 139.7, 125.9, 124.9, 109.3, 34.4, 31.3, 25.9, -1.4; MS *m/z* (relative intensity 70 eV) 246 (M⁺, 12), 189 (61), 73 (100). Anal. calcd for C₁₆H₂₆Si: C, 78.0; H, 10.6. Found: C, 77.9; H, 10.4.

2-(2,3,5-Trimethylphenyl)-3-(trimethylsilyl)-1-propene (3c). Compound **3c** was obtained in 69% yield after 10 days at 60 °C and in 60% after 16 h at 80 °C. The eluent was isohexane and the products were further purified by bulb-to-bulb distillation (~100 °C at 10 mm Hg). ¹H NMR (270 MHz, CDCl₃) δ 6.87 (s, 1 H), 6.78 (s, 1 H), 4.98 (m, 1 H), 4.73 (d, *J* = 2.3 Hz, 1H), 2.26 (s, 3 H), 2.23 (s, 3 H), 2.19 (s, 3 H), 1.88 (d, *J* = 1.0 Hz, 2H), -0.08 (s, 9 H); ¹³C NMR (67.8 MHz, CDCl₃) δ 148.5, 144.7, 136.7, 134.1, 129.7, 129.0, 126.8, 111.9, 29.1, 20.8, 20.4, 16.3, -1.7; MS *m/z* (relative intensity 70 eV) 232 (M⁺, 47), 217 (60), 73 (100). Anal. calcd for C₁₅H₂₄Si: C, 77.5; H, 10.4. Found: C, 77.4; H, 10.0.

2-Phenyl-3-(trimethylsilyl)-1-propene (3d).^{5c} Compound **3d+1d** (ratio 95/5) was obtained in 67% yield at 60 °C. The eluent was isohexane and the products were further purified by bulb-to-bulb distillation (~105 °C at 10 mm Hg).

2-(1-Naphthyl)-3-(trimethylsilyl)-1-propene (3e).^{5c} Compound **3e+1e** (ratio 98/2) was obtained in 77% yield at 60 °C. The eluent was isohexane. No bulb-to-bulb distillation was needed.

2-(4-Acetylphenyl)-3-(trimethylsilyl)-1-propene (3g). Compound **3g+1g** (ratio 94/6) was obtained in 31% yield at 80 °C. The eluent was isohexane/diethyl ether 9:1 and the products were further purified by bulb-to-bulb distillation (~135 °C at 6 mm Hg).¹ ¹H NMR (270 MHz, CDCl₃) δ 7.89 (m, 2 H), 7.47 (m, 2 H), 5.21 (d, *J* = 1.3 Hz, 1 H), 4.96 (dd, *J* = 1.0 Hz, 1.3 Hz, 1 H), 2.81 (s, 3 H), 2.03 (d, *J* = 1.0 Hz, 2 H), -0.13 (s, 9 H); ¹³C NMR (67.8 MHz, CDCl₃) δ 197.6, 147.5, 145.7, 135.8, 128.3, 126.4, 112.1, 26.5, 25.9, -1.5; MS *m/z* (relative intensity 70 eV) 232 (M⁺, 65), 217 (8), 73 (100).
Anal. calcd for C₁₄H₂₀OSi: C, 72.4; H, 8.7. Found: C, 72.7; H, 8.6.

2-(4-Cyanophenyl)-3-(trimethylsilyl)-1-propene (3h). Compound **3h** was obtained in 59% yield at 80 °C. The eluent was isohexane/diethyl ether 19:1 and the products were further purified by bulb-to-bulb distillation (~115 °C at 10 mm Hg). ¹H NMR (270 MHz, CDCl₃) δ 7.58 (m, 2 H), 7.47 (m, 2 H), 5.20 (d, *J* = 1.0 Hz, 1 H), 4.99 (dd, *J* = 1.0 Hz, 1.0 Hz, 1 H), 2.00 (d, *J* = 1.0 Hz, 2 H), -0.11 (s, 9 H); ¹³C NMR (67.8 MHz, CDCl₃) δ 147.3, 145.1, 131.9, 126.8, 118.9, 112.9, 110.7, 25.4, -1.5; MS *m/z* (relative intensity 70 eV) 215 (M⁺, 32), 200 (7), 73 (100). Anal. calcd for C₁₃H₁₇NSi: C, 72.5; H, 8.0; N, 6.5. Found: C, 72.7; H, 7.9; N, 6.7.