

SiCH₃); 0.15 (s, 18H, SiCH₃); 5.17 (tt, 1H, $J=51.9, 5.1$ Hz, CHF₂); 5.22 (*) (tt, 1H, $J=51.6, 5.1$ Hz) ppm. ¹⁹F NMR (C₆D₆, CFCl₃) δ : -137.0 (*) (dm, 2F, $J=51$ Hz, CHF₂); -137.0 (dm, $J=51$ Hz, CHF₂); -129.3 (*) (m, 2F, CF₂); -129.0 (m, 2F, CF₂); -121.7 (*) (m, 1F, C=CF); -115.8 (m, 1F, C=CF); -113.2 (m, 2F, CF₂); -113.0 (*) (m, 2F, CF₂) ppm. ¹³C NMR (C₆D₆, TMS) δ : 1.31 (*) (s, SiCH₃); 1.43 (s, SiCH₃); 108.75 (tt, $J=251.0, 31.4$ Hz, C^s); 108.76 (*) (tt, $J=251.0, 31.4$ Hz, C^s); ~111.2 (m, C^d); ~111.3 (*) (m, C^s); ~111.4 (m, C^s); 134.96 (*) (dt, $J=36.2, 2.5$ Hz, C¹); 135.48 (dt, $J=13.5, <1$ Hz, C¹); 137.09 (*) (dt, $J=248.5, 28.7$ Hz, C²); 137.17 (dt, $J=260.9, 31.5$ Hz, C²) ppm. Analysis: Found: C, 31.25; H, 4.42; Cl, 8.46; F, 30.64; N, 3.75; S, 7.60%; M⁺, 421. C₁₁H₁₆ClF₇NSSi₂ requires: C, 31.31; H, 4.54; Cl, 8.40; F, 31.52; N, 3.32; S, 7.60%; M⁺, 421.

1,1-bis(benzylthio)-2,3,4,4,5,5-heptafluoro-1-pentene (V) [1]: ¹³C NMR (C₆D₆, TMS) δ : 37.95 (d, $J=4.5$ Hz, SCH₂); 39.21 (d, $J=1.2$ Hz, SCH₂); 108.97 (tt, 250.9, 30.8 Hz, C^s); ~111.2 (m, C^d); ~111.3 (m, C^s); 127.56

(dt, $J=20.3, 1.8$ Hz, C¹); 146.54 (dt, $J=263.4, 26.4$ Hz, C²); 128.32; 128.33; 129.35; 129.38; 129.80; 129.88; 137.27; 137.79 (s, C_{arom}) ppm.

NMR spectra were measured using a Varian VXR-300 spectrometer, frequency 299.96 MHz (for ¹H), 282.14 MHz (for ¹⁹F) and 75.43 MHz (for ¹³C), the chemical shifts quoted being from internal TMS and CCl₃F.

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*Isomer formed in greater amount.