

Supplementary Information

Synthesis of linear *cis-anti-cis* triquinane derivative *via* a [3+2] cycloaddition and Krapcho decarboxylation as key steps

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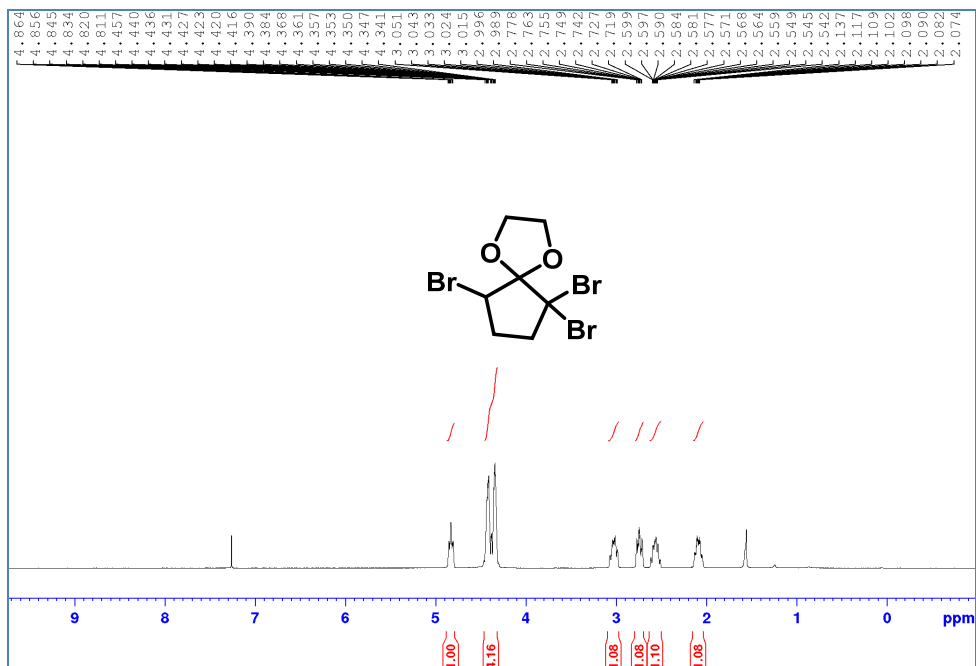


Fig. S1 — ¹H NMR (400 MHz, CDCl₃) spectrum of Compound 13

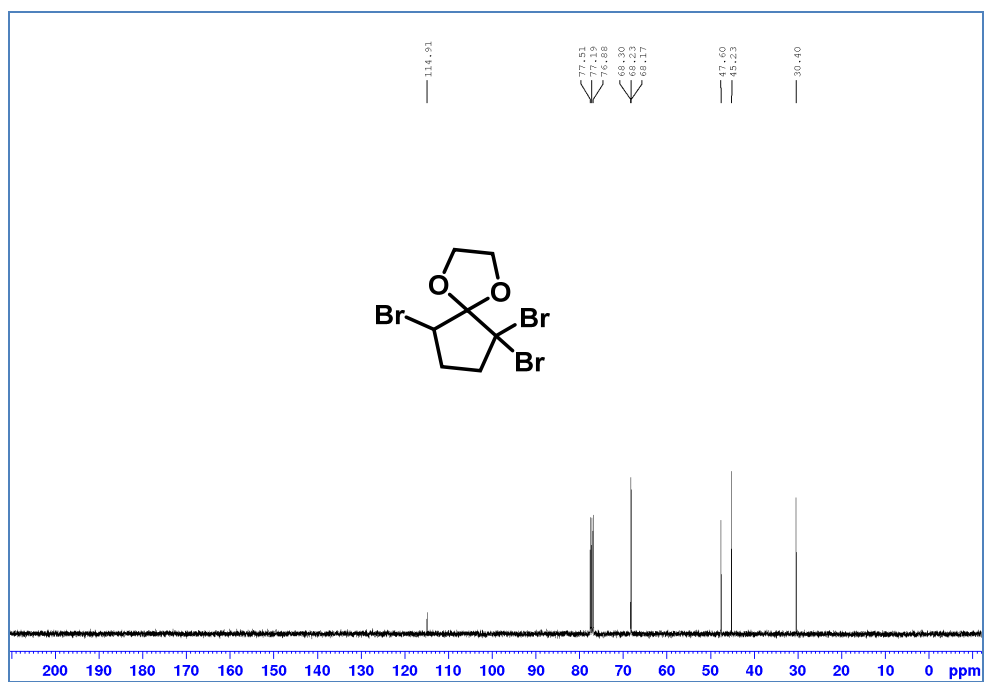


Fig. S2 — ¹H NMR (100 MHz, CDCl₃) spectrum of Compound 13

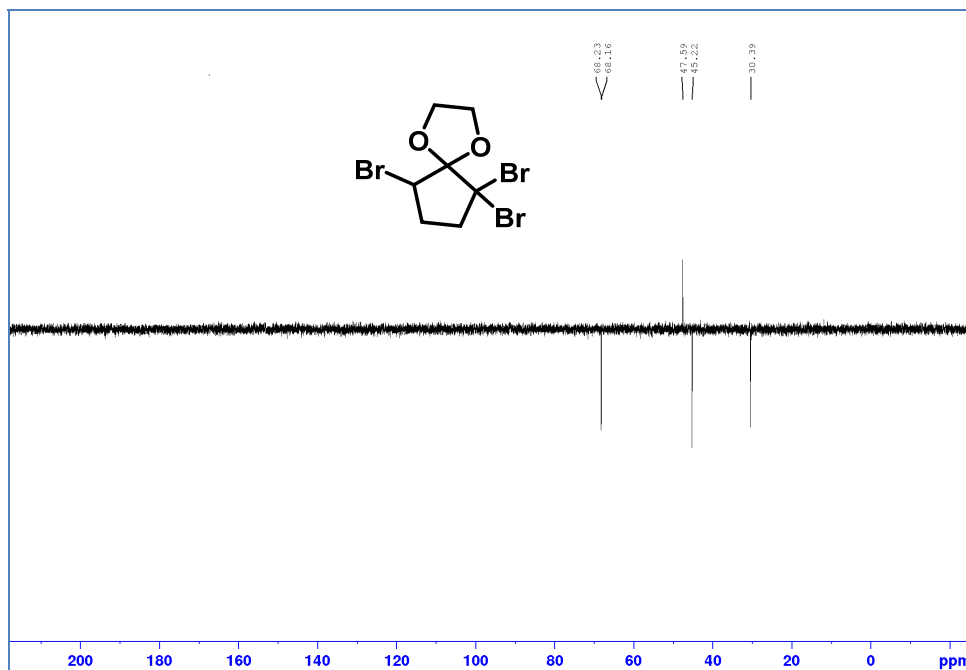


Fig. S3 — DEPT135 (100 MHz, CDCl₃) spectrum of Compound 13

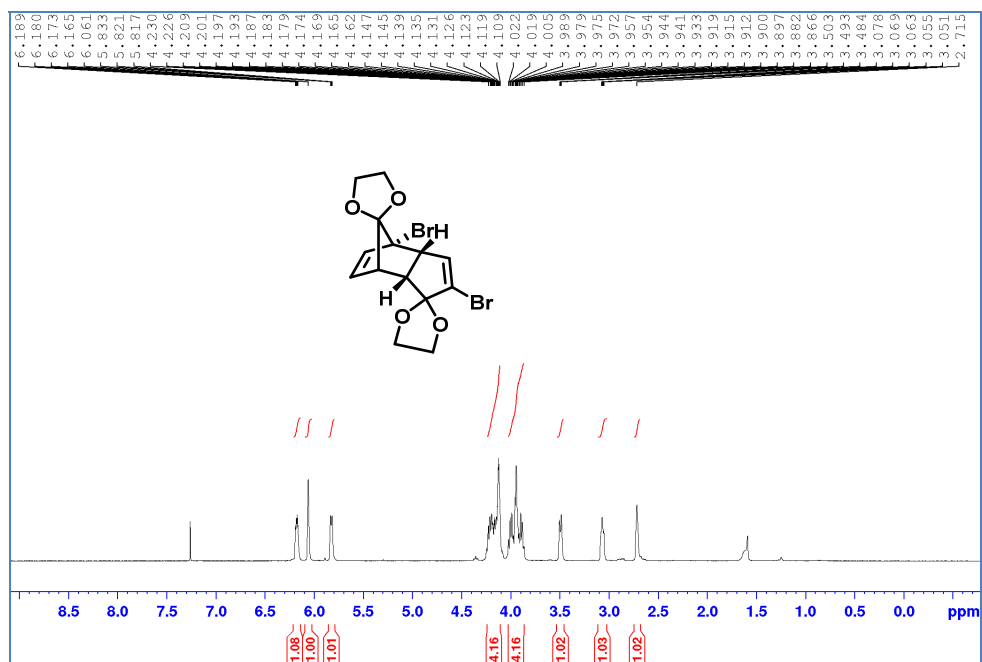


Fig. S4 — ¹H NMR (400 MHz, CDCl₃) spectrum of Compound 14

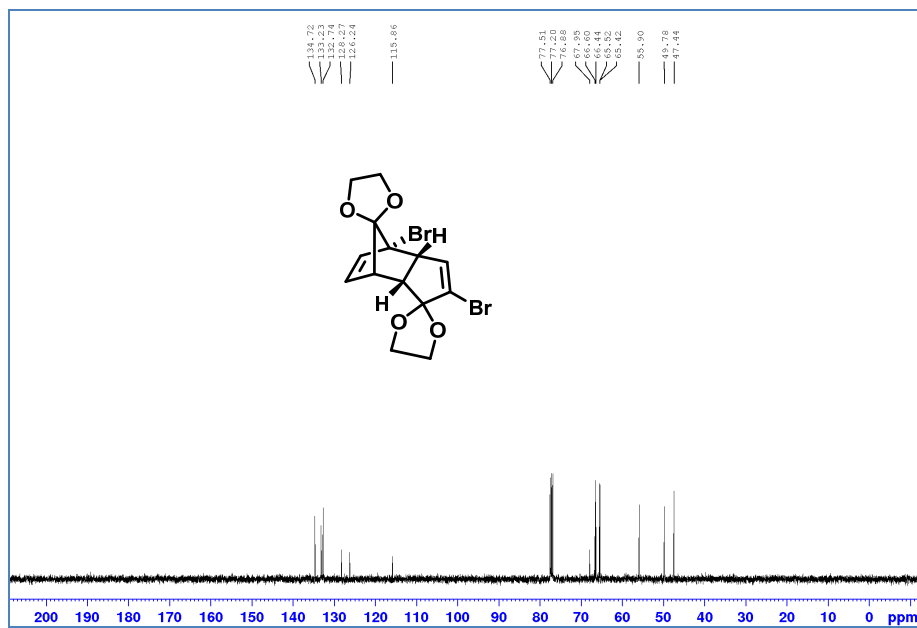


Fig. S5 — ¹H NMR (100 MHz, CDCl₃) spectrum of Compound 14

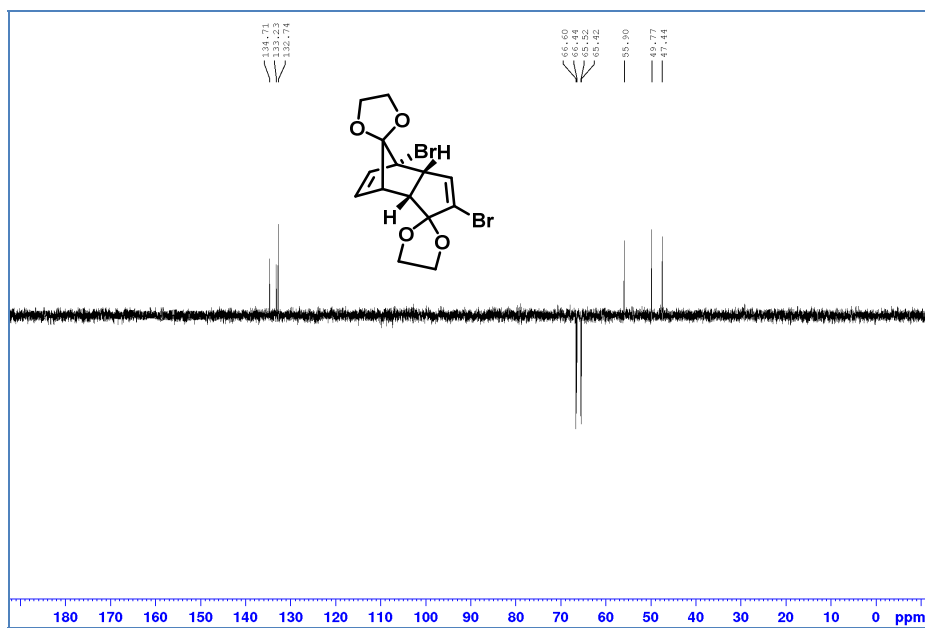


Fig. S6 — DEPT135 (100 MHz, CDCl₃) spectrum of Compound 14

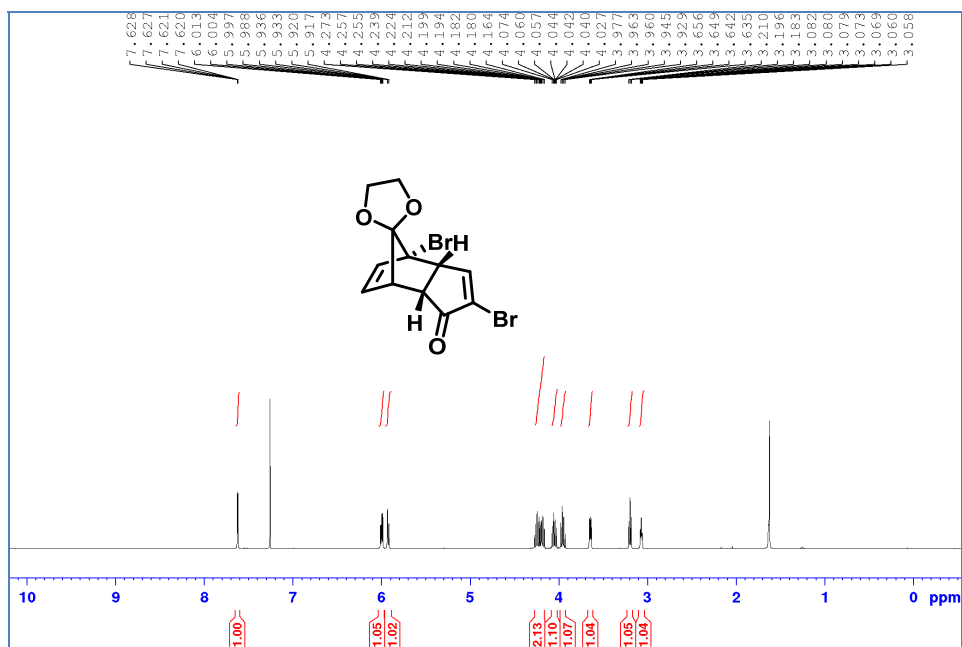


Fig. S7— ^1H NMR (400 MHz, CDCl_3) spectrum of Compound 15

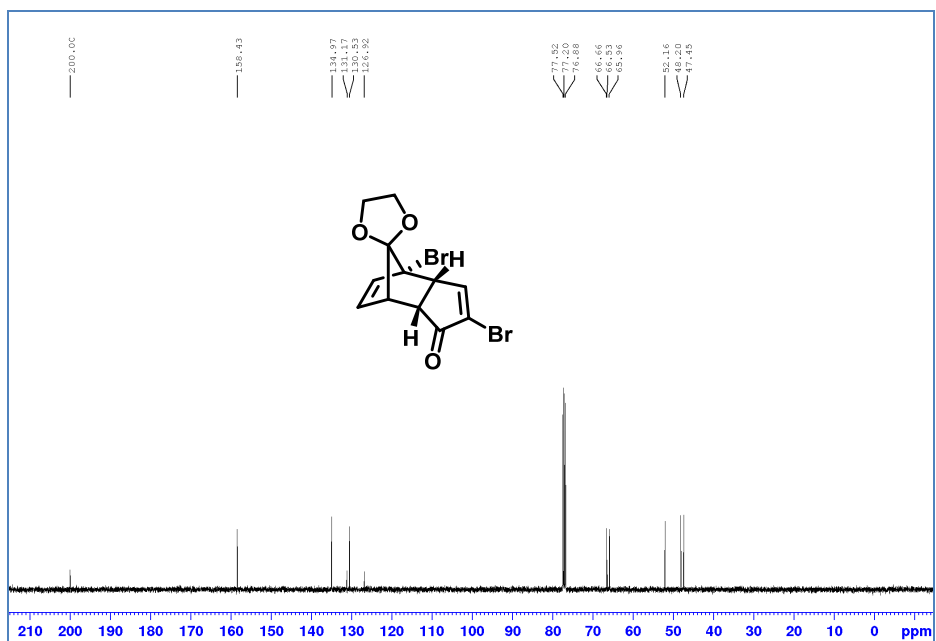


Fig. S8— ^{13}C NMR (100 MHz, CDCl_3) spectrum of Compound 15

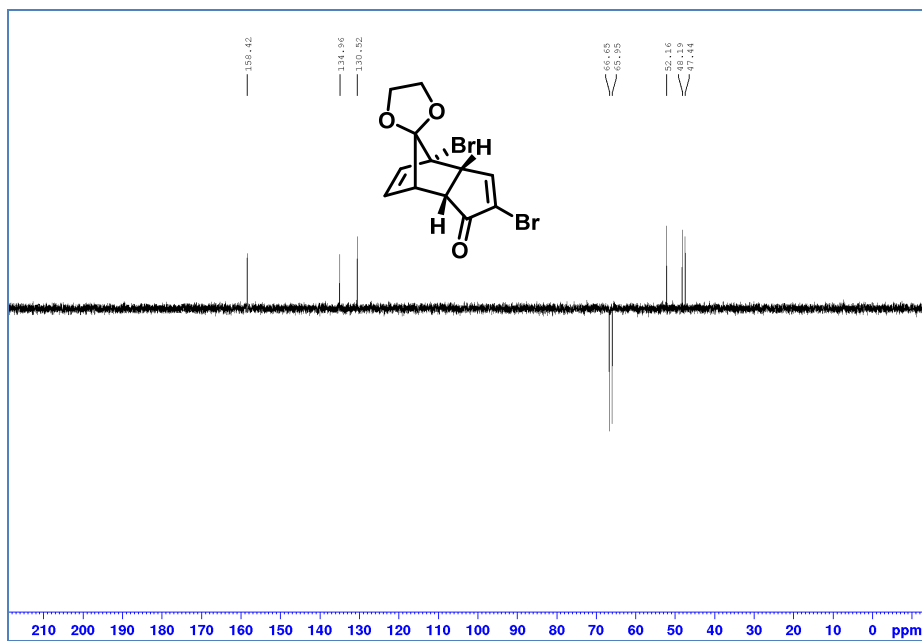


Fig. S9 — DEPT135 (100 MHz, CDCl₃) spectrum of Compound 15

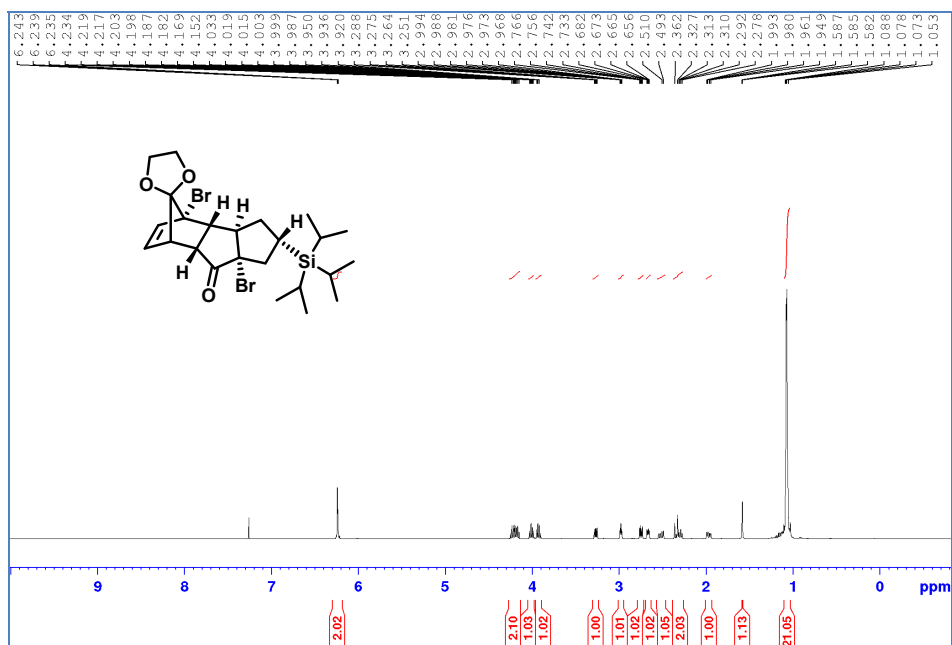


Fig. S10— ¹H NMR (400 MHz, CDCl₃) spectrum of Compound 16

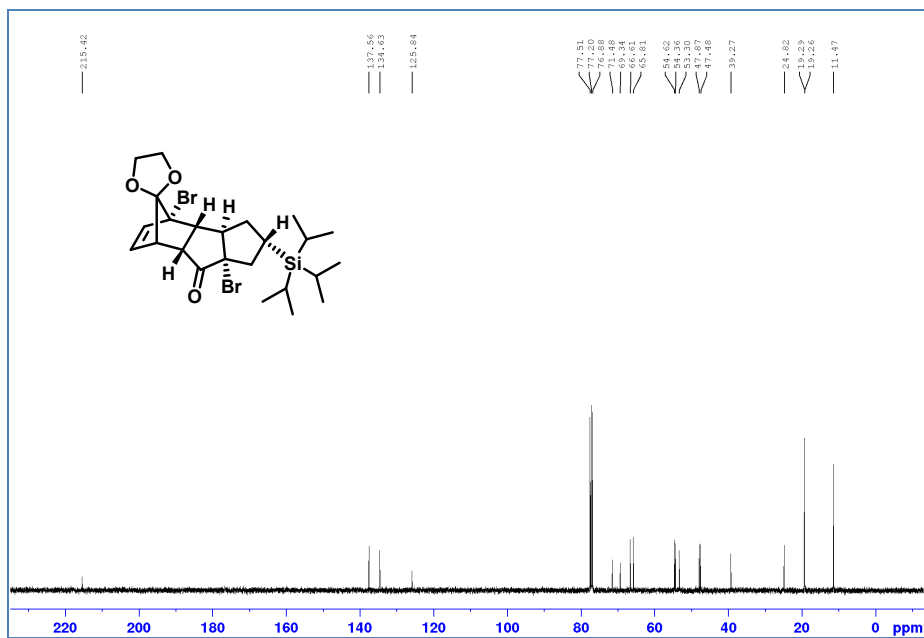


Fig. S11— ^1H NMR (100 MHz, CDCl_3) spectrum of Compound 16

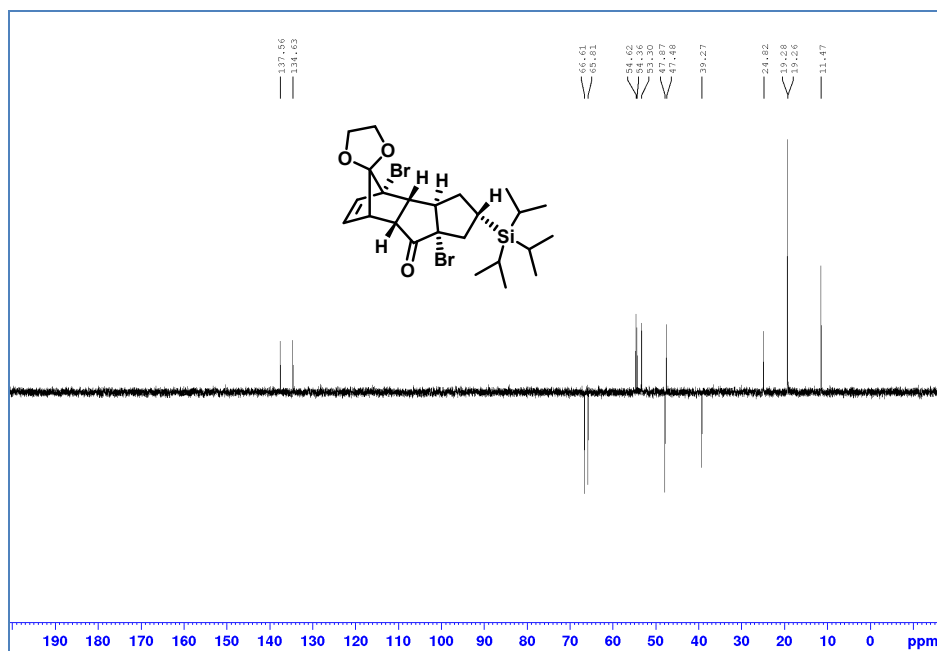


Fig. S12 — DEPT135 (100 MHz, CDCl_3) spectrum of Compound 16

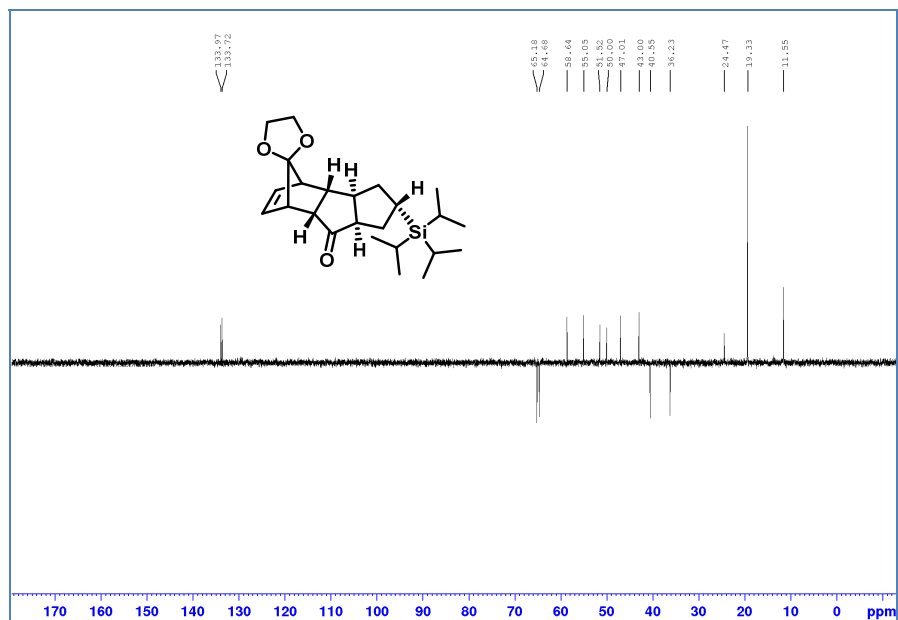


Fig. S15 — DEPT135 (100 MHz, CDCl₃) spectrum of Compound 17

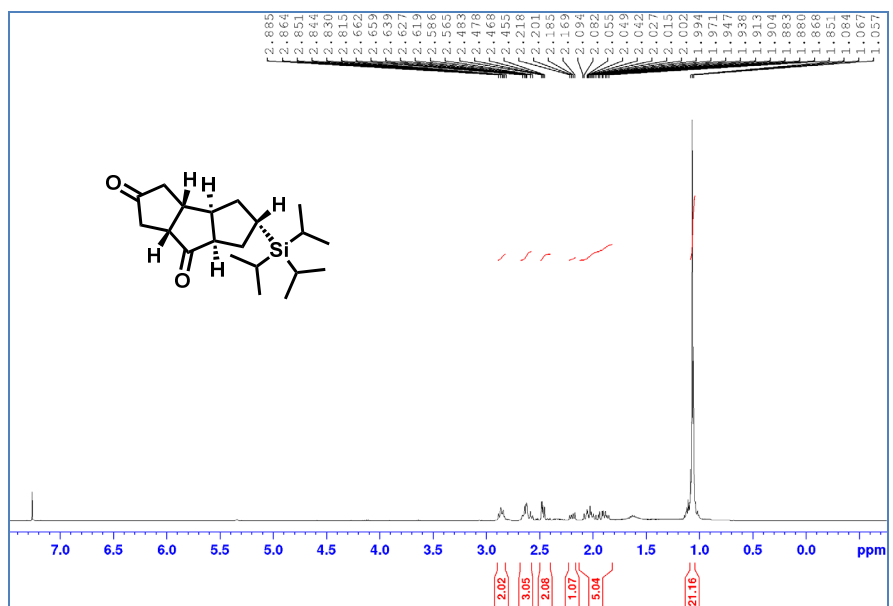


Fig. S16— ¹H NMR (400 MHz, CDCl₃) spectrum of Compound 19

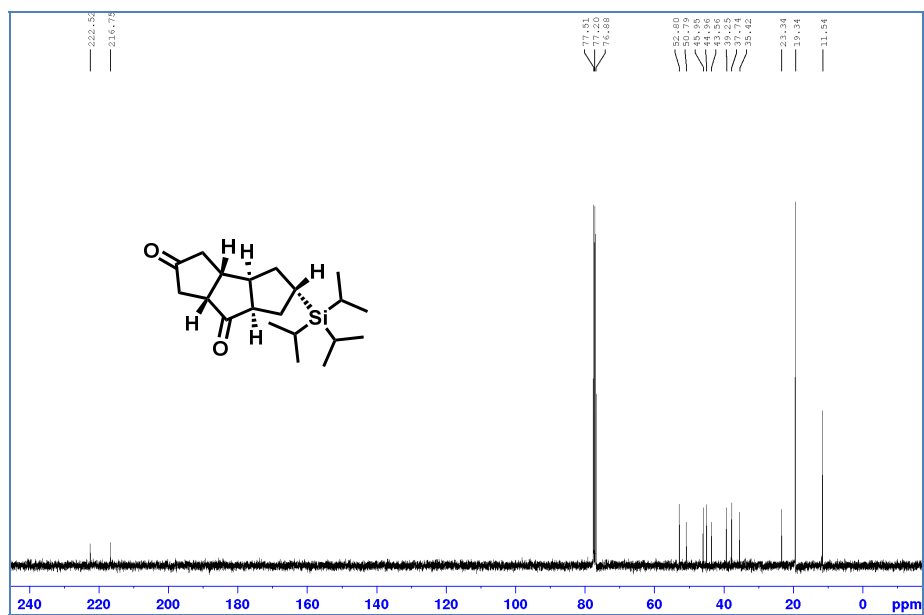


Fig. S17— ^1H NMR (100 MHz, CDCl_3) spectrum of Compound 19

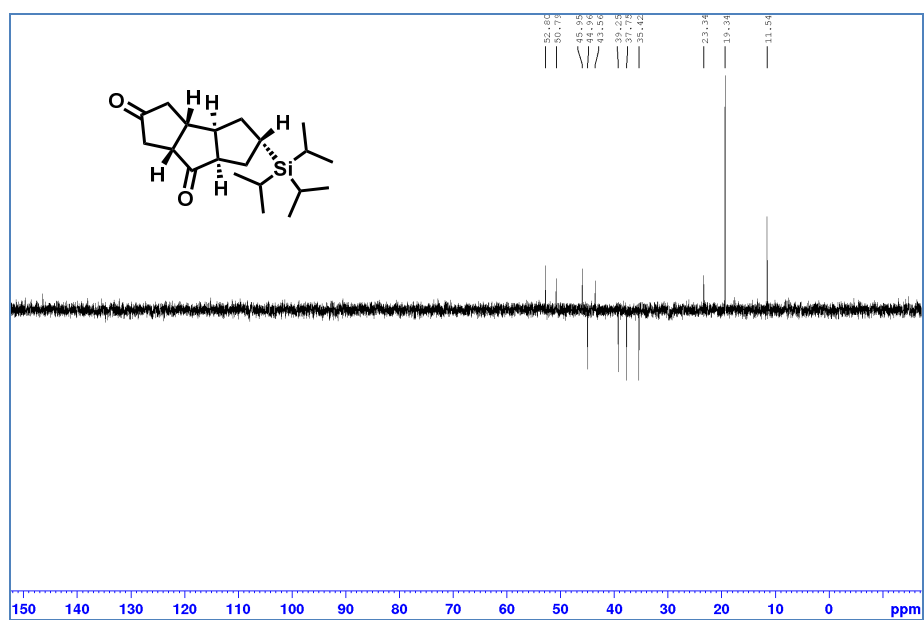


Fig. S18 — DEPT135 (100 MHz, CDCl_3) spectrum of Compound 19