Supporting Information

Bistinospinosides A and B, Dimeric Clerodane Diterpene Glycosides from *Tinospora sagittata*

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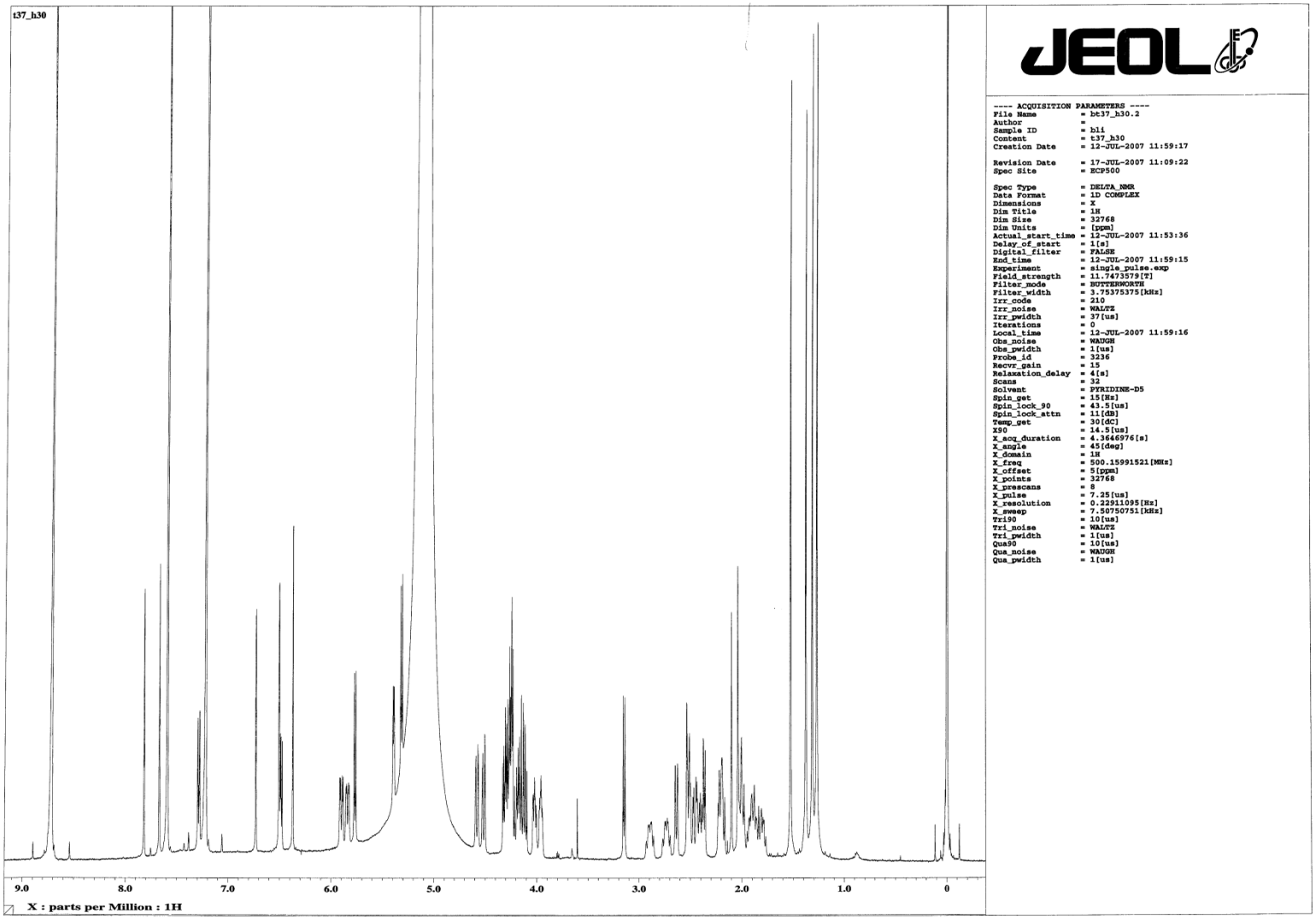

Figure S1. The ^{1}H-NMR Spectrum of Compound **1**

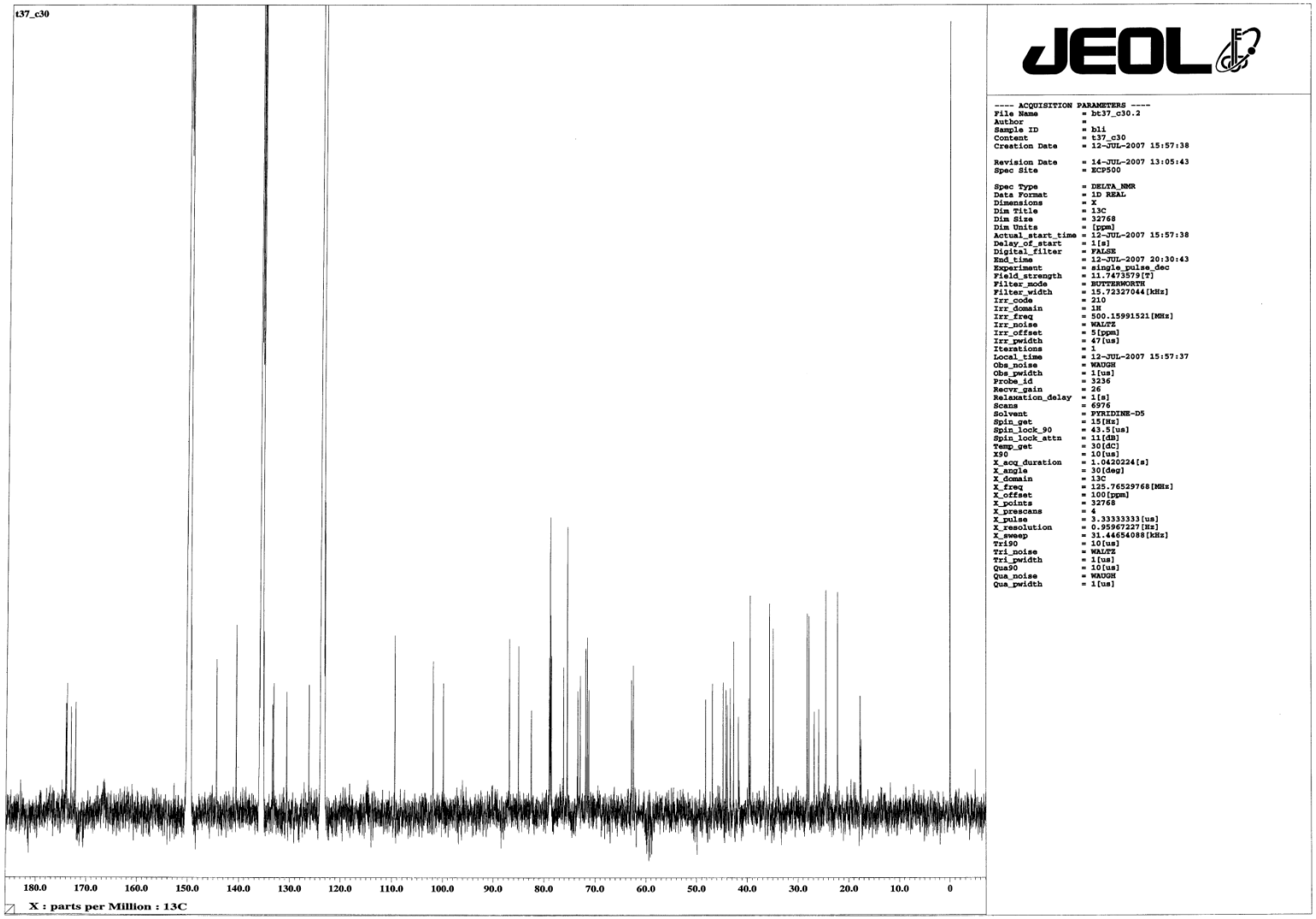

Figure S2. The ^{13}C-NMR Spectrum of Compound **1**

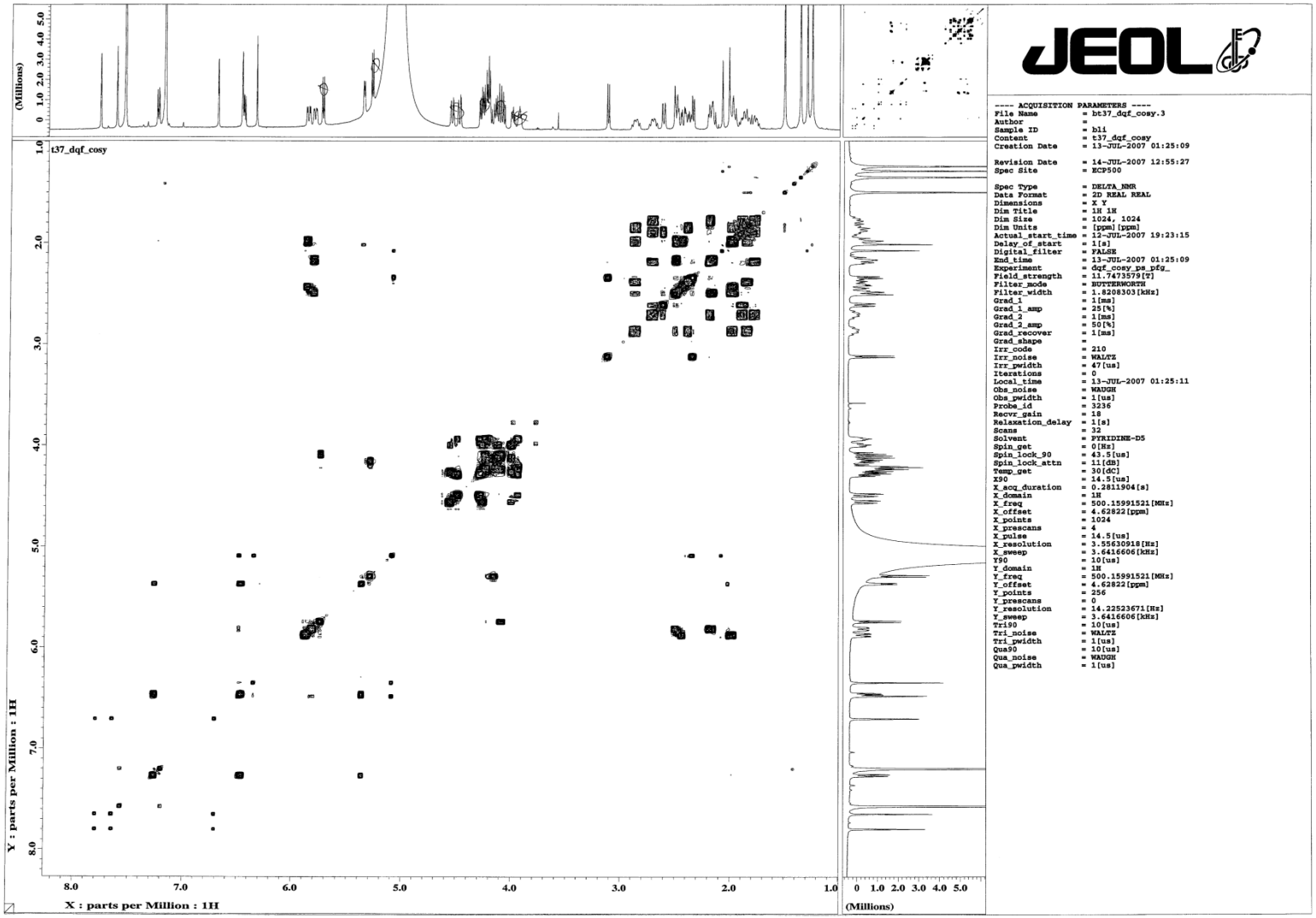

Figure S3. The ^{1}H-^{1}H COSY Spectrum of Compound **1**

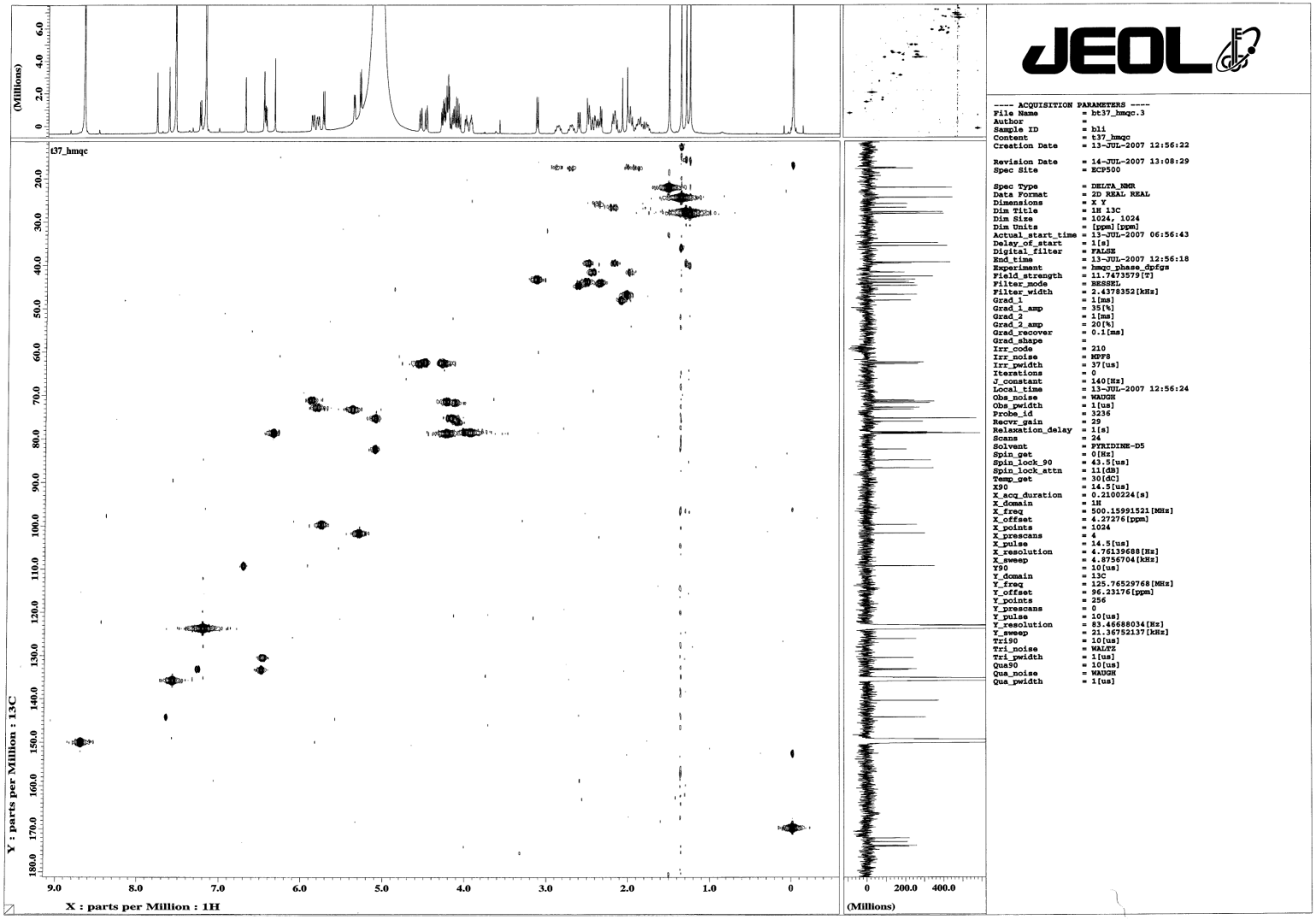

Figure S4. The HMQC Spectrum of Compound **1**

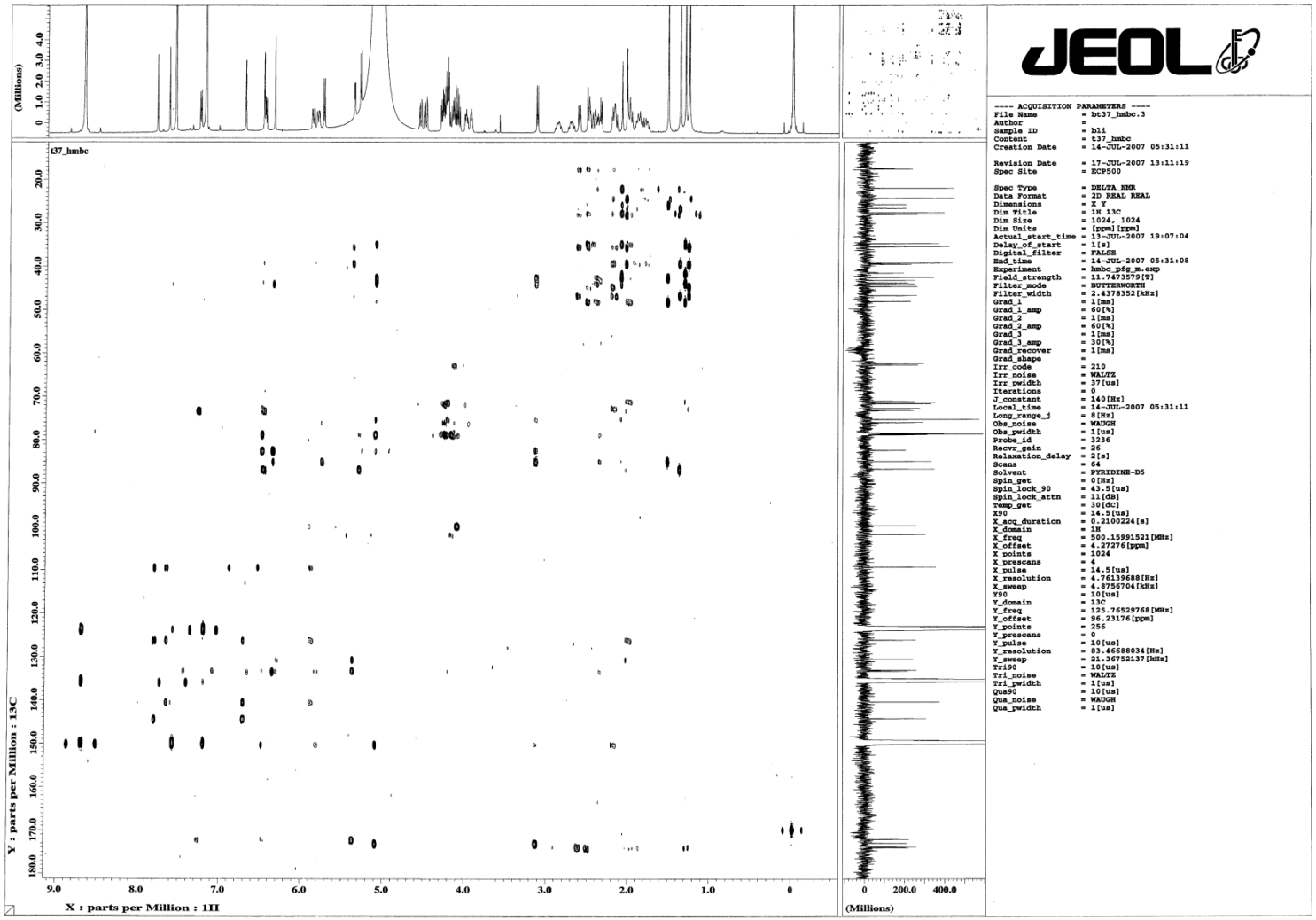

Figure S5. The HMBC Spectrum of Compound **1**

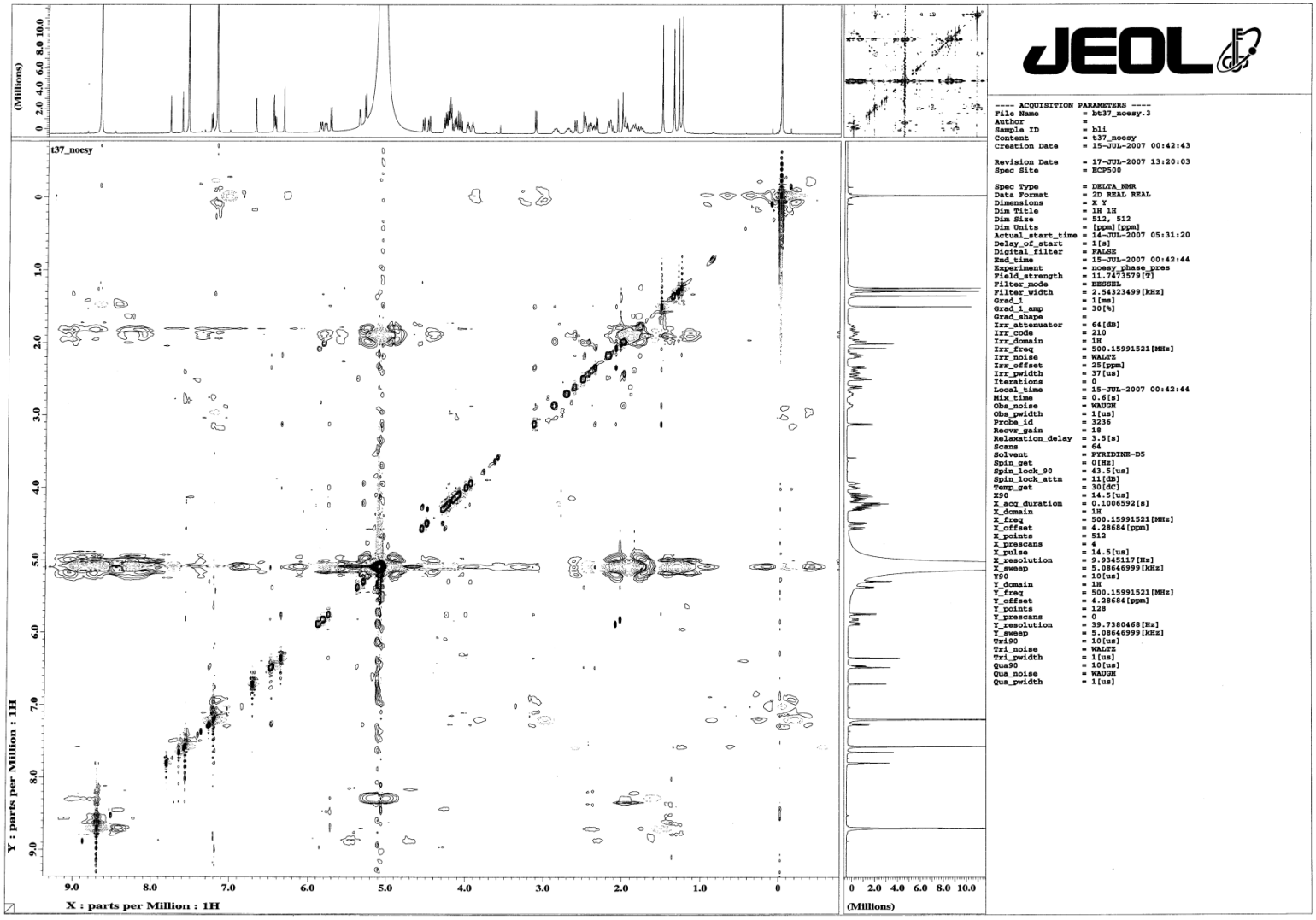

Figure S6. The NOESY Spectrum of Compound **1**

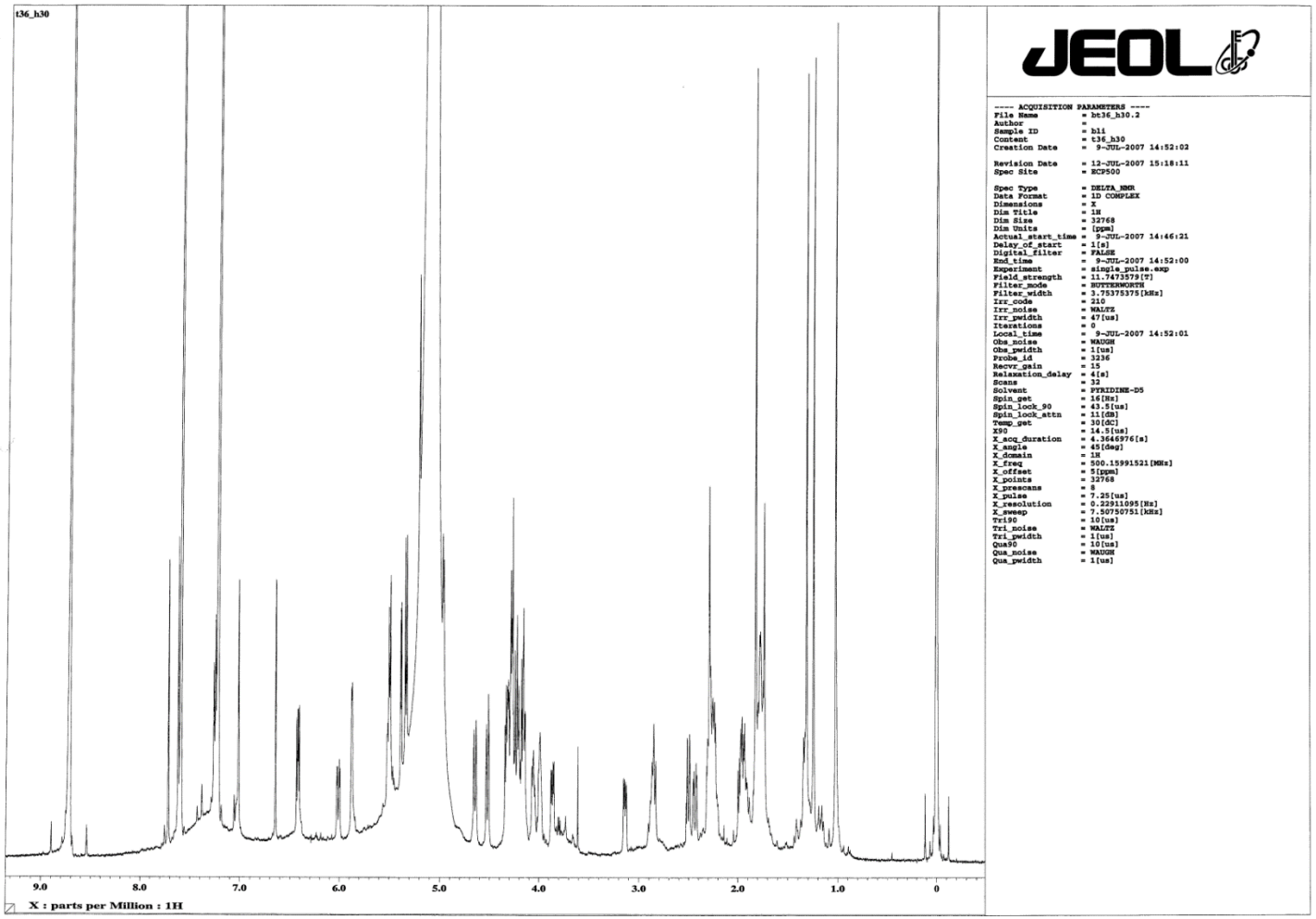

Figure S7. The ^{1}H-NMR Spectrum of Compound **2**

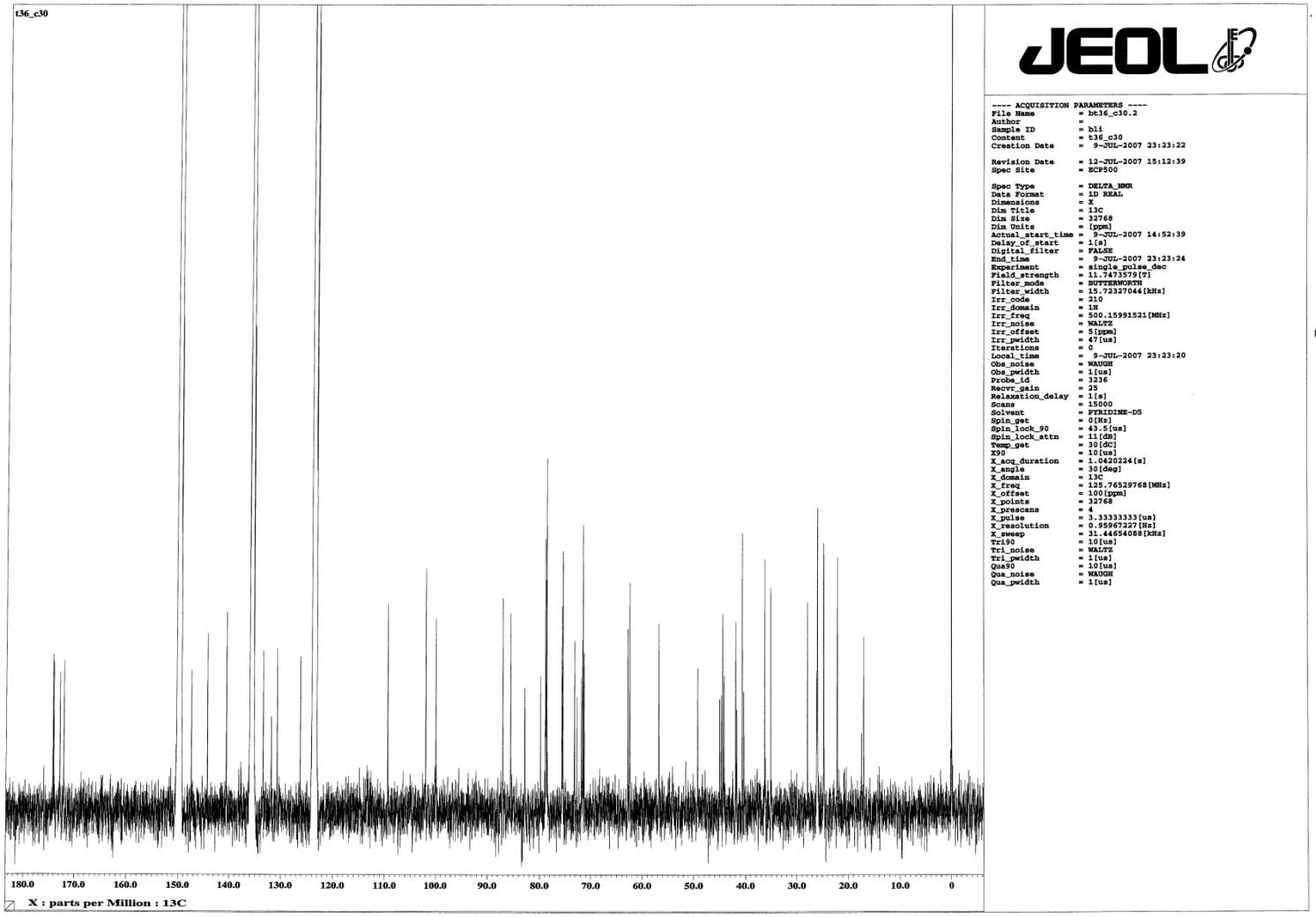

Figure S8. The ^{13}C-NMR Spectrum of Compound **2**

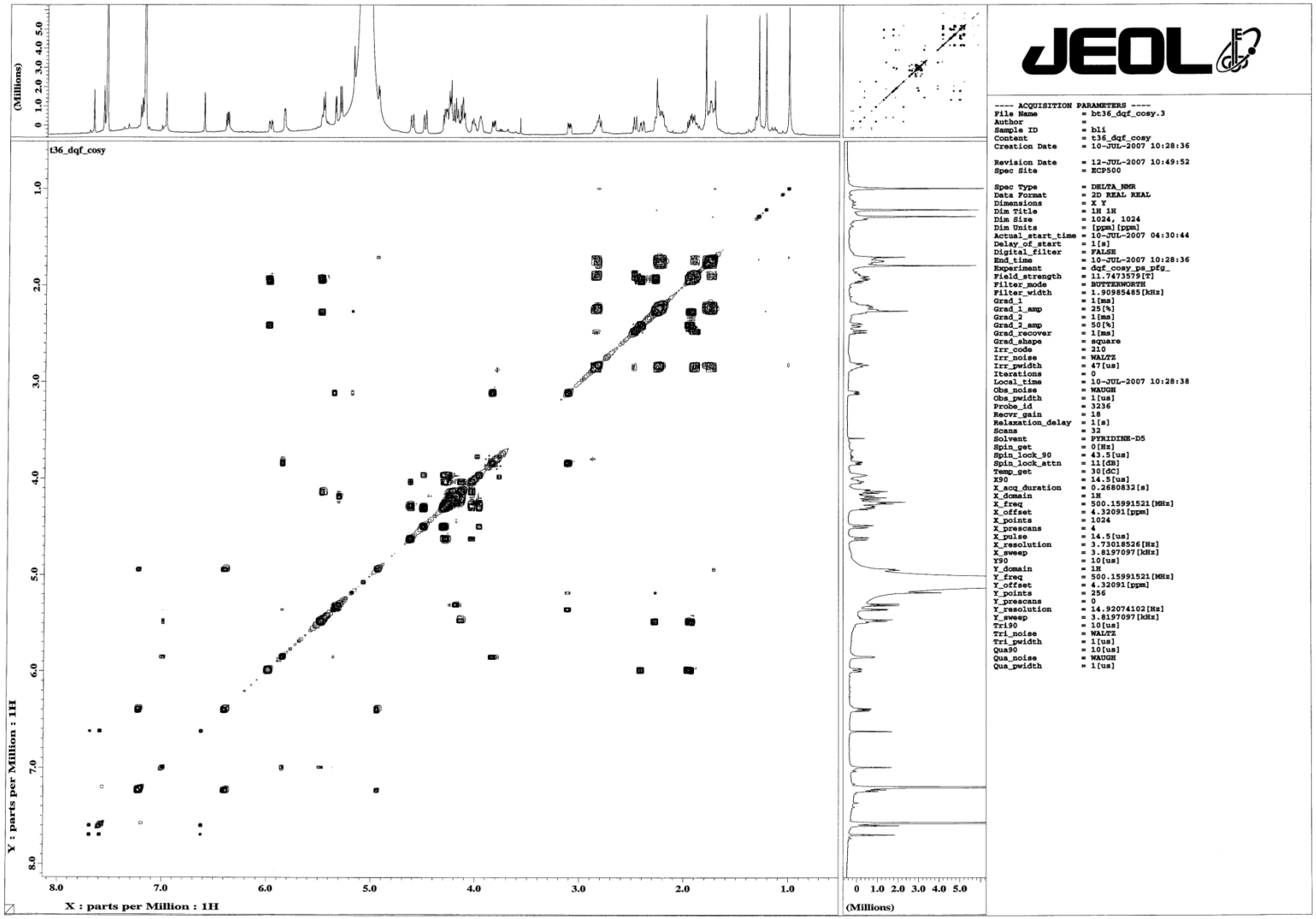

Figure S9. The ^{1}H-^{1}H COSY Spectrum of Compound **2**

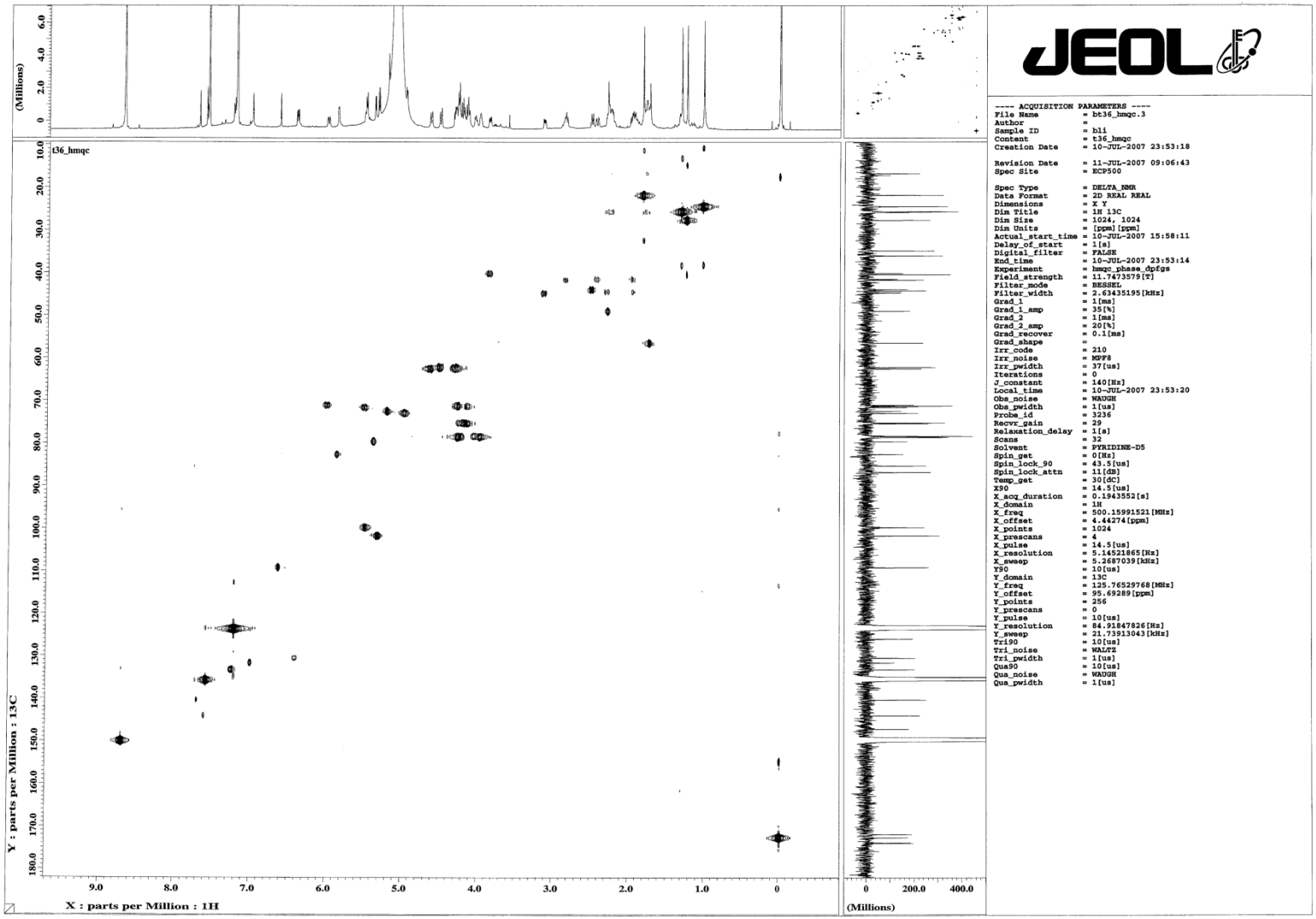

Figure S10. The HMQC Spectrum of Compound **2**

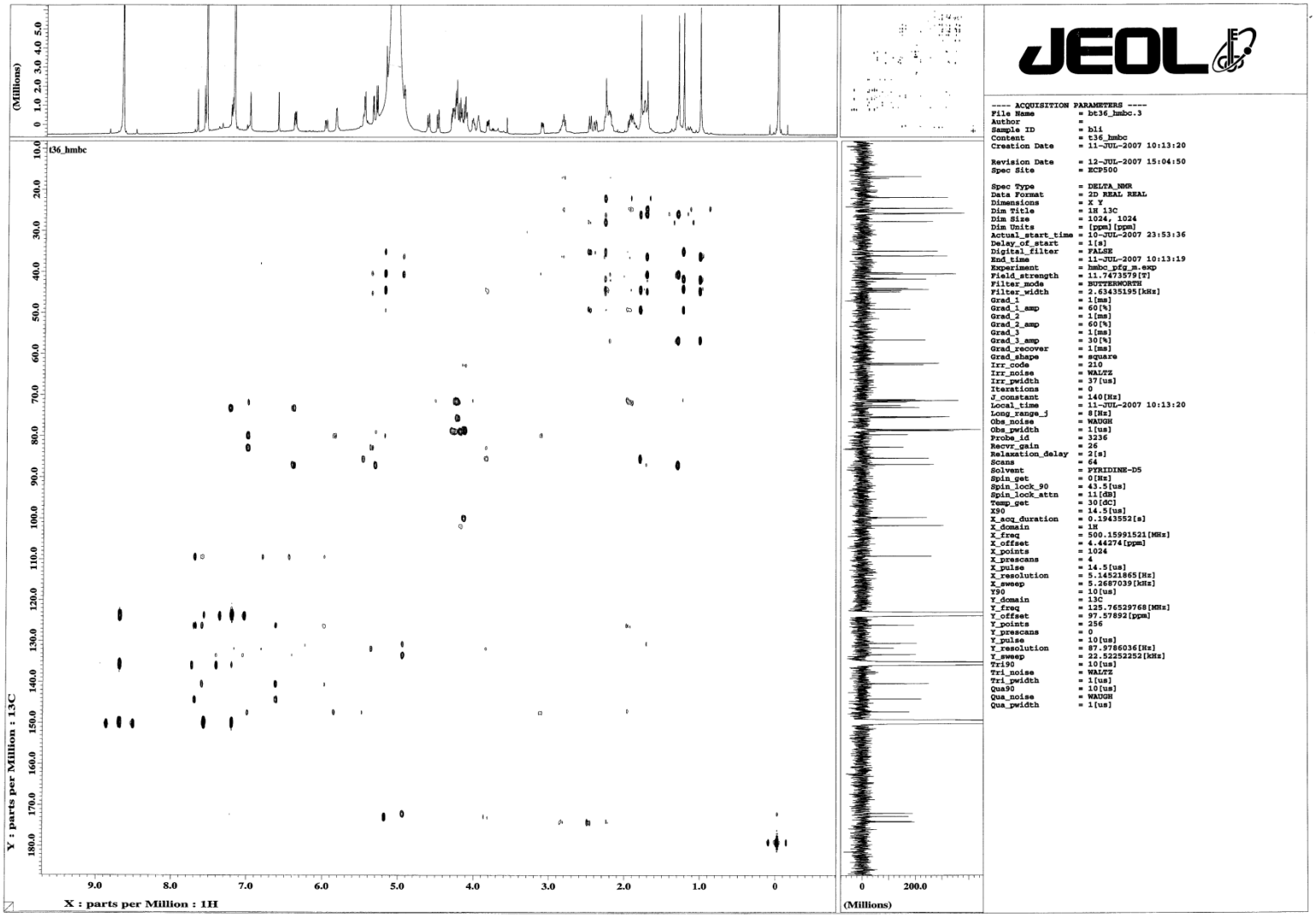

Figure S11. The HMBC Spectrum of Compound **2**

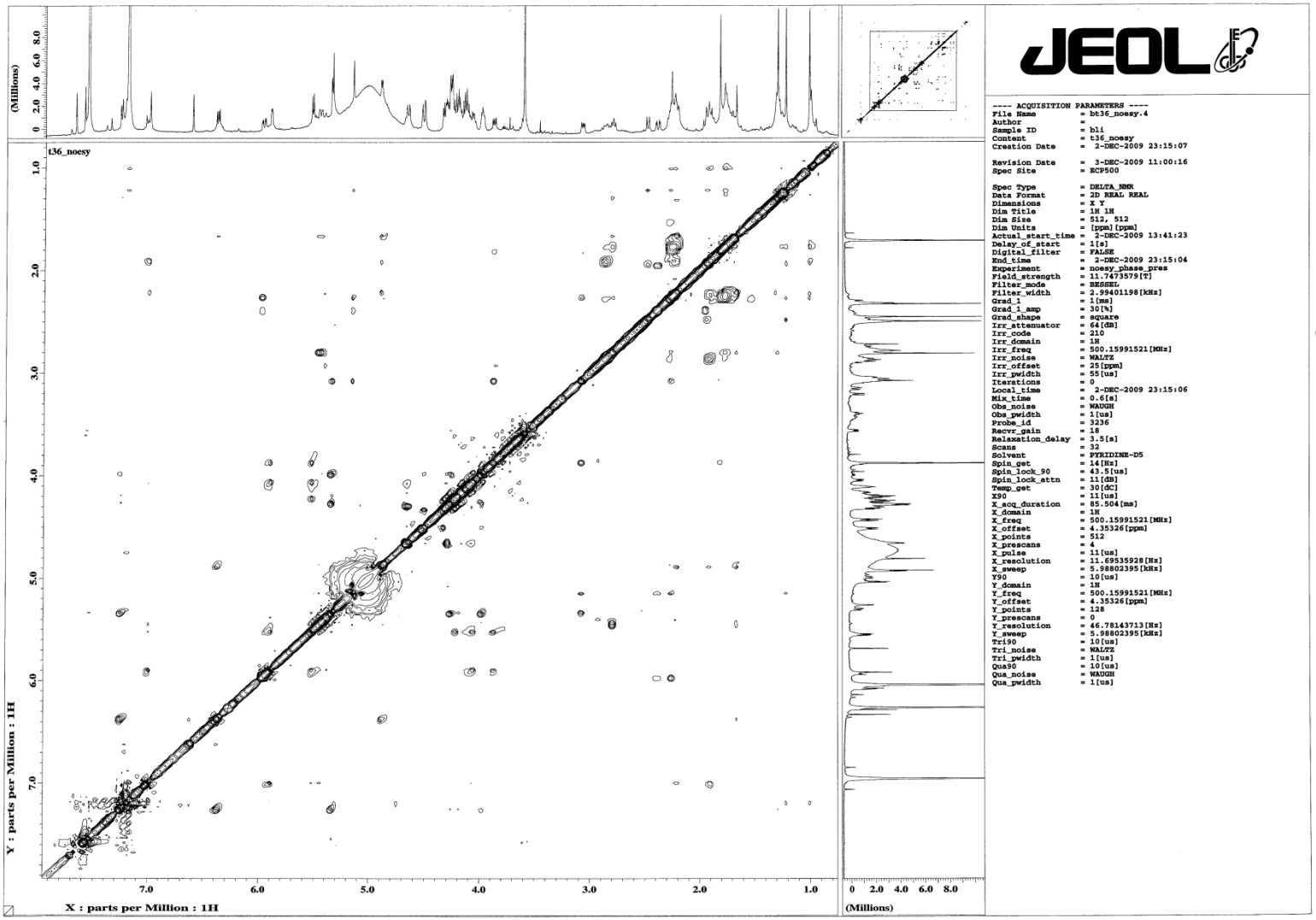

Figure S12. The NOESY Spectrum of Compound **2**

Computer Assistant Chemical Structure Calculation

For reparation of structures and analysis of dynamics cascade, the planar structure of aforementioned compounds were constructed using Chem Draw ultra 10.0 software [Chemical Structure Drawing Standard; Cambridge Soft Corporation, USA (2005)]. And we employ a standard dynamics cascade protocol for calculating the three-dimensional structures of the aforementioned compounds using Discovery Studio Version 2.1, by five steps: Minimization, Minimization2, Heating, Equilibration and Production. The protocol provides the total energy values to standardize validation of any conformations. The conformation generation algorithms are Windows OS compatible; in the current study three-dimensional conformations were generated on a Intel® Core™ i7-920 processor with 3GB RAM and NVIDIA® Quadro® FX1700 512MB, running Windows XP Pro SP3.