

Supporting Information

1,2,4-Diazaphospholide Complexes of Barium: Mechanism of Formation and Crystallographic Characterization

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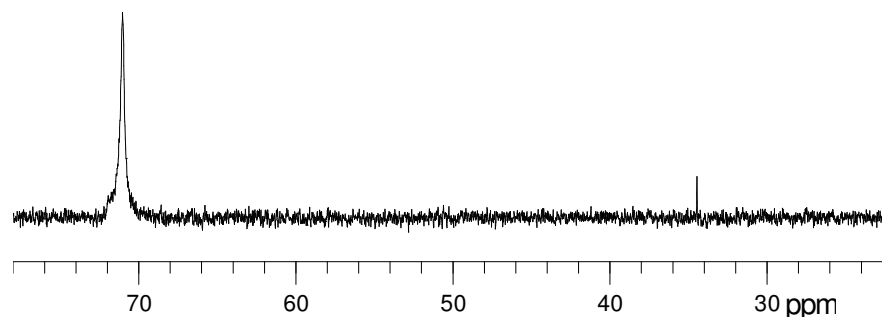


Figure S1. The ³¹P NMR spectrum of complex **2** in DMSO-*d*₆ at 23 °C.

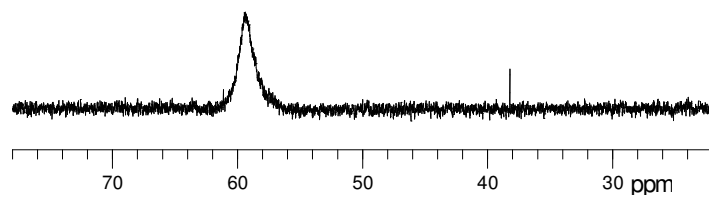


Figure S2. The ^{31}P NMR spectrum of complex **4** in $\text{DMSO-}d_6$ at 23 °C.

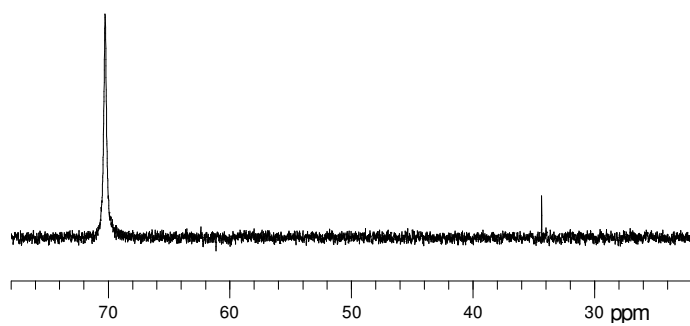


Figure S3. The ^{31}P NMR spectrum of complex **7** in $\text{DMSO-}d_6$ at 23 °C.

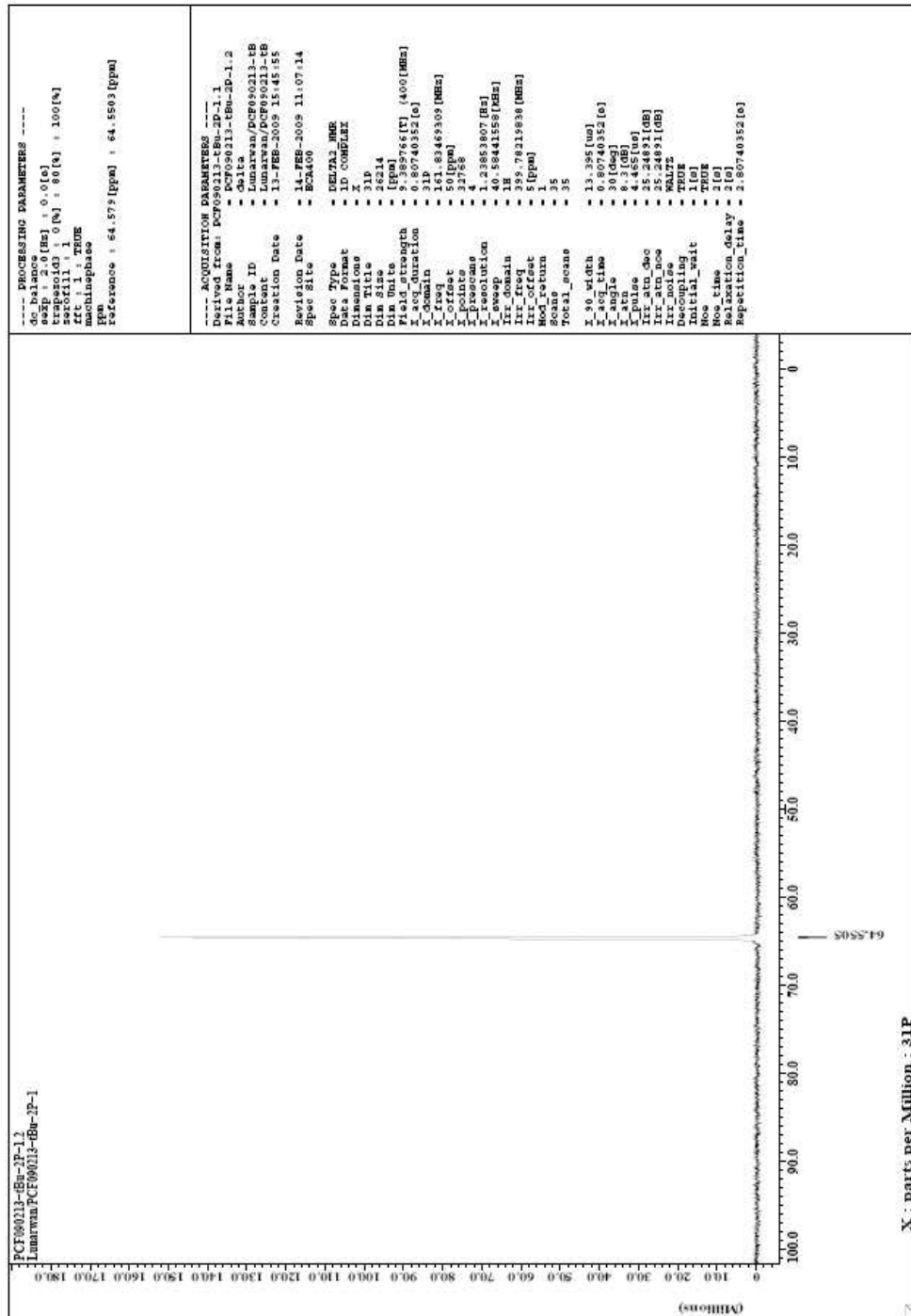


Figure S4. The ¹H NMR spectrum of H[3,5-*t*Bu₂dp] in DMSO-*d*₆ at 23 °C.

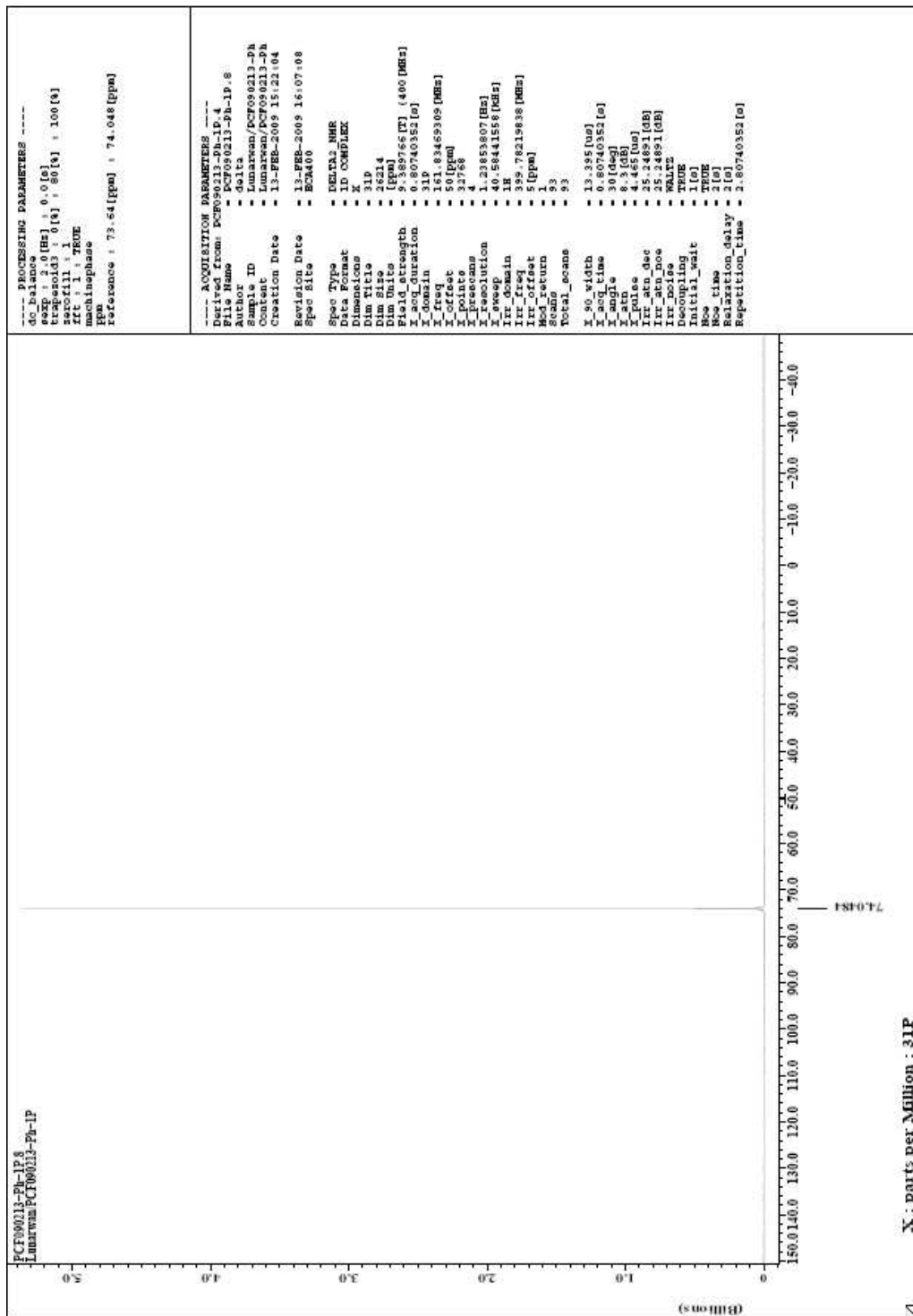


Figure S5. The ^1H NMR spectrum of H[3,5-Ph₂dp] in DMSO-*d*₆ at 23 °C.

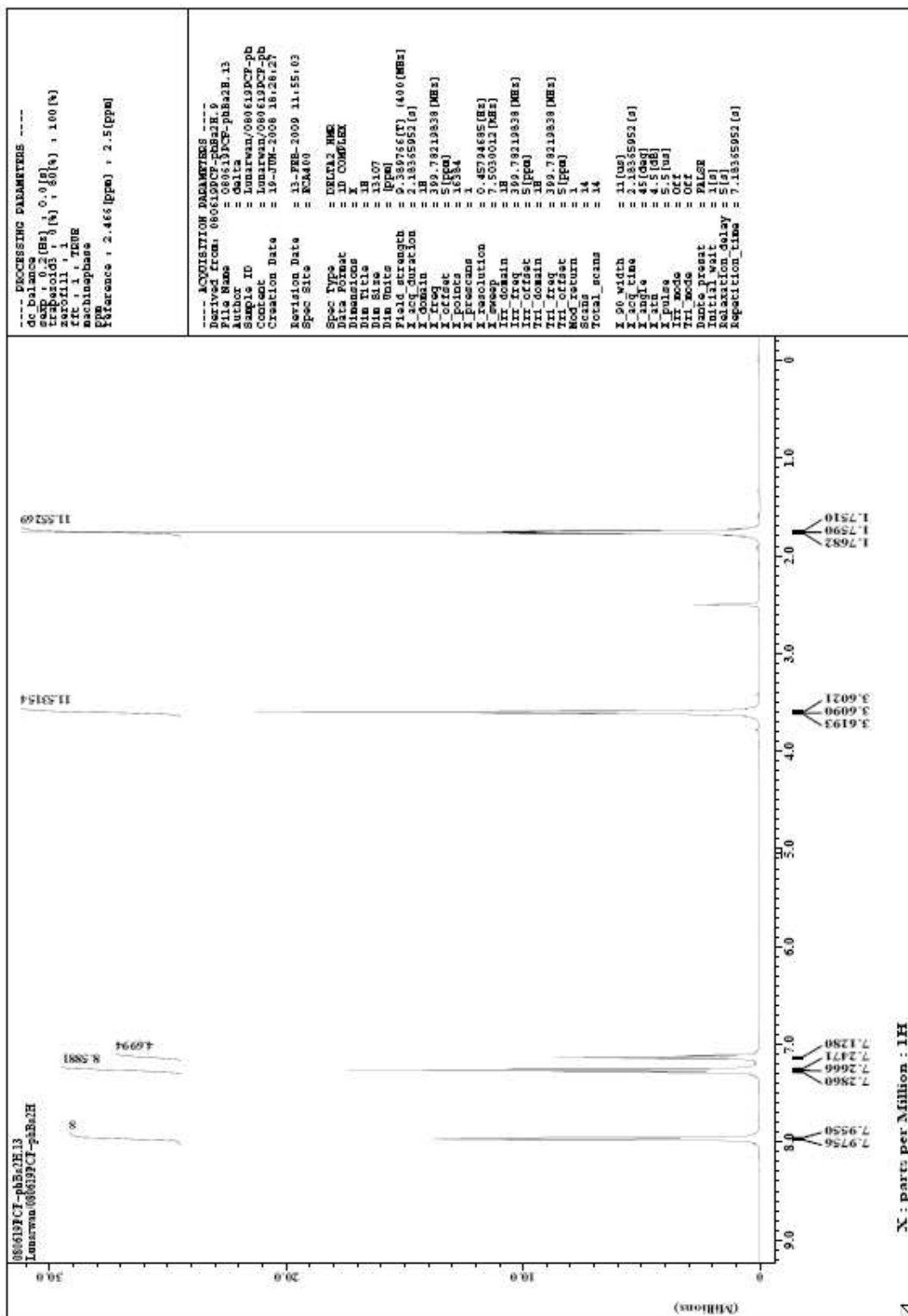


Figure S6. The ^1H NMR spectrum of **1** in $\text{DMSO-}d_6$ at $23\text{ }^\circ\text{C}$.

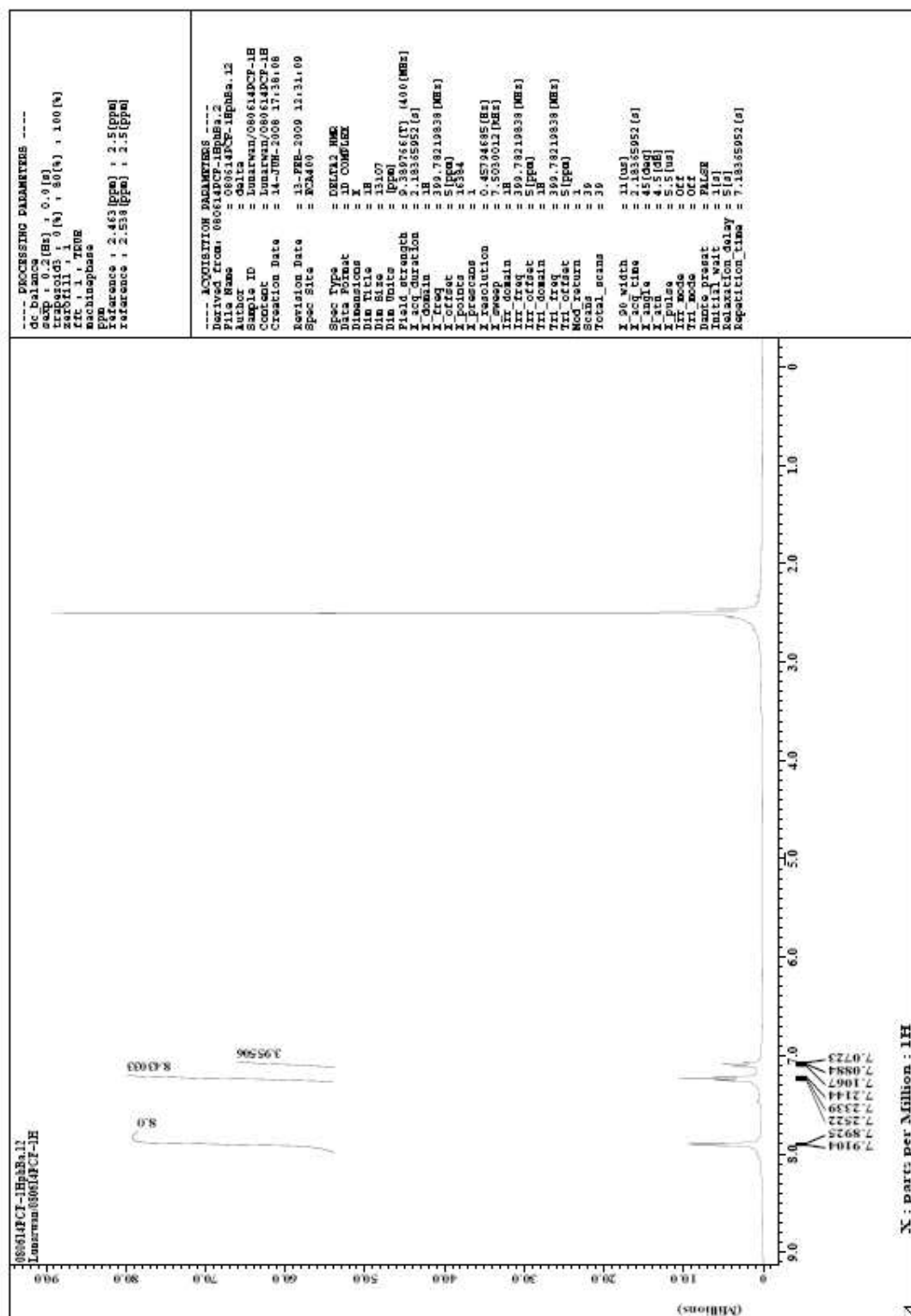


Figure S7. The ¹H NMR spectrum of **2** in DMSO-*d*₆ at 23 °C.

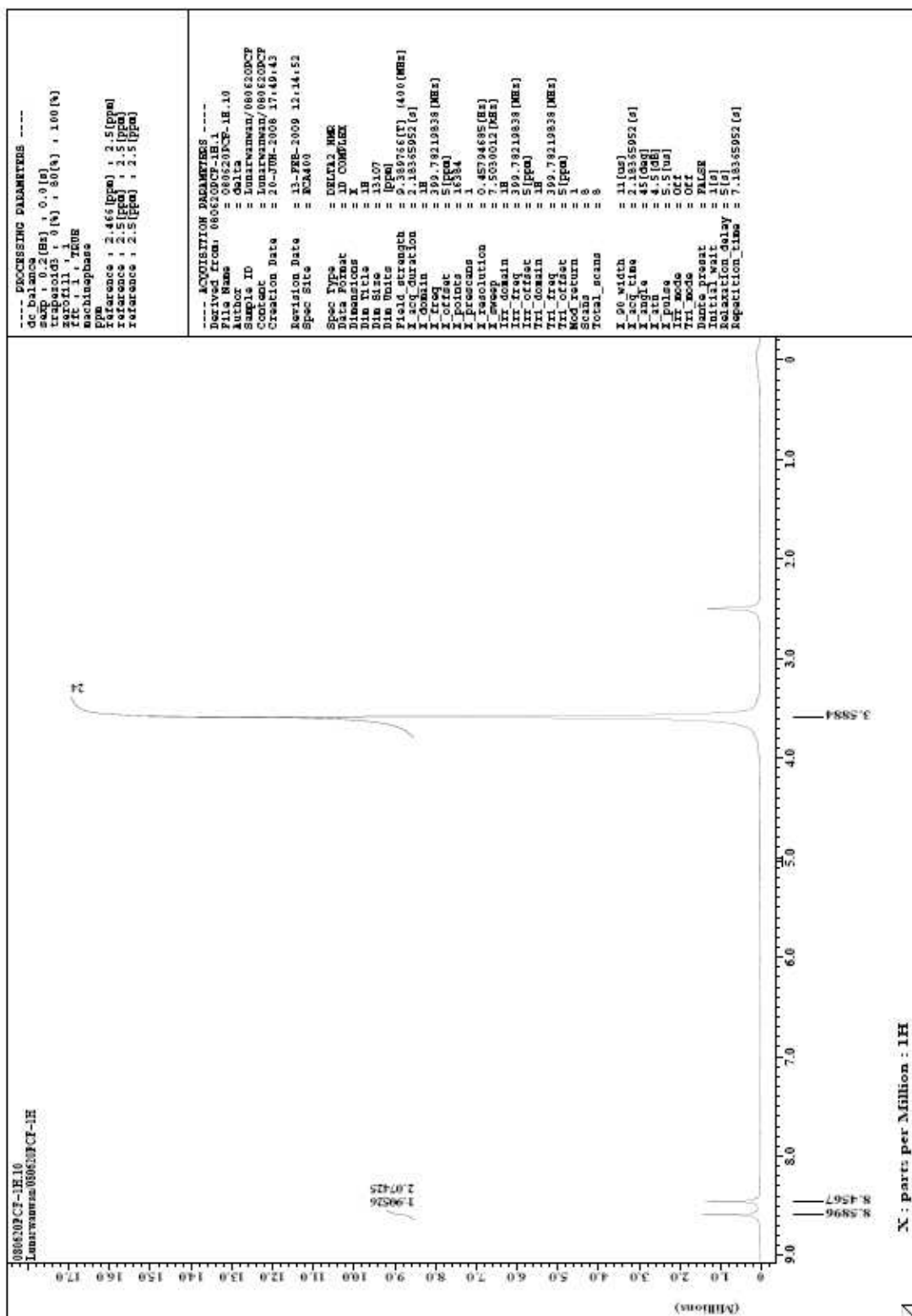


Figure S8. The ^1H NMR spectrum of **3** in $\text{DMSO-}d_6$ at $23\text{ }^\circ\text{C}$.



Figure S9. The ^1H NMR spectrum of **4** in $\text{DMSO-}d_6$ at $23\text{ }^\circ\text{C}$.

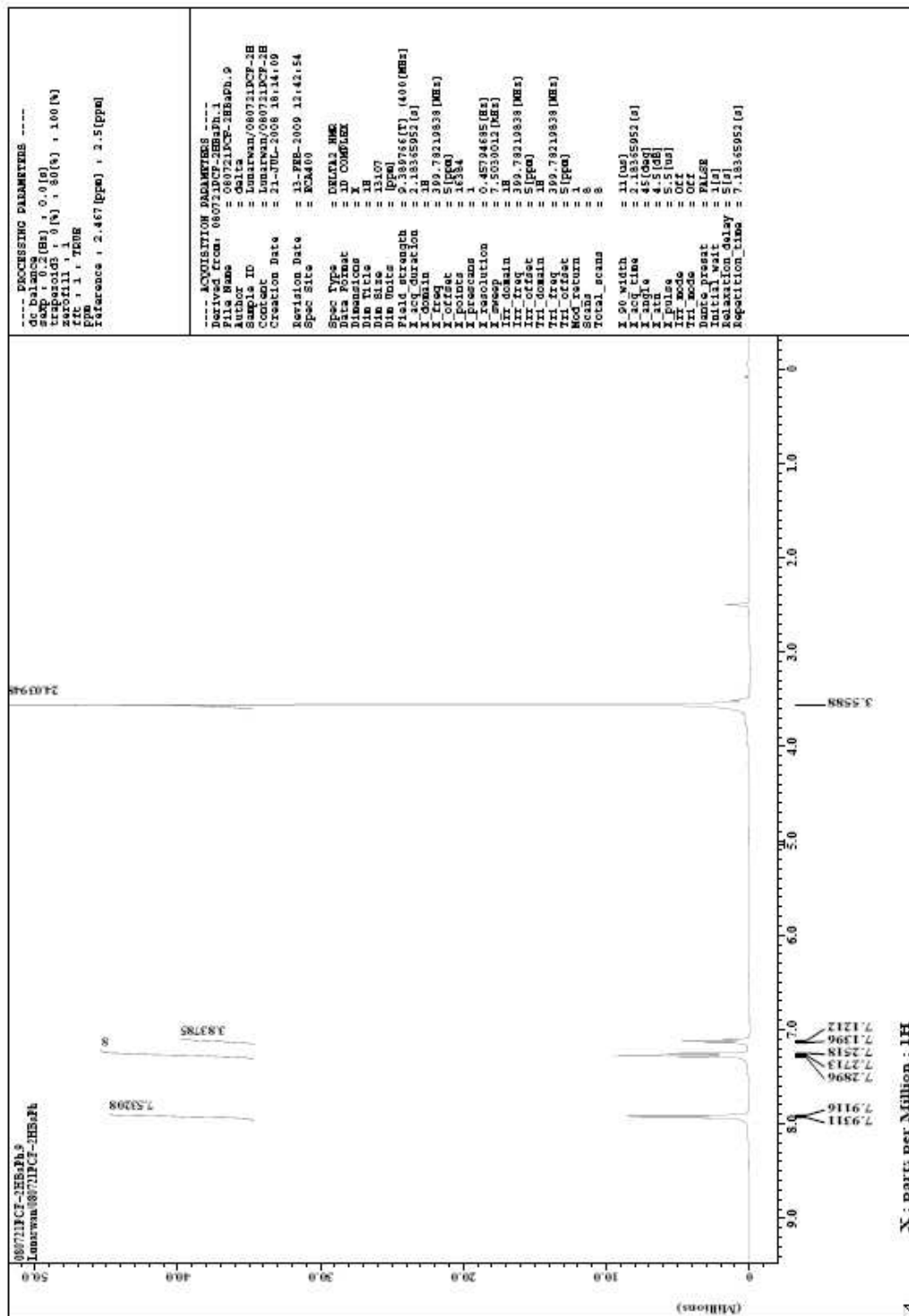


Figure S10. The ^1H NMR spectrum of **6** in $\text{DMSO}-d_6$ at 23°C .

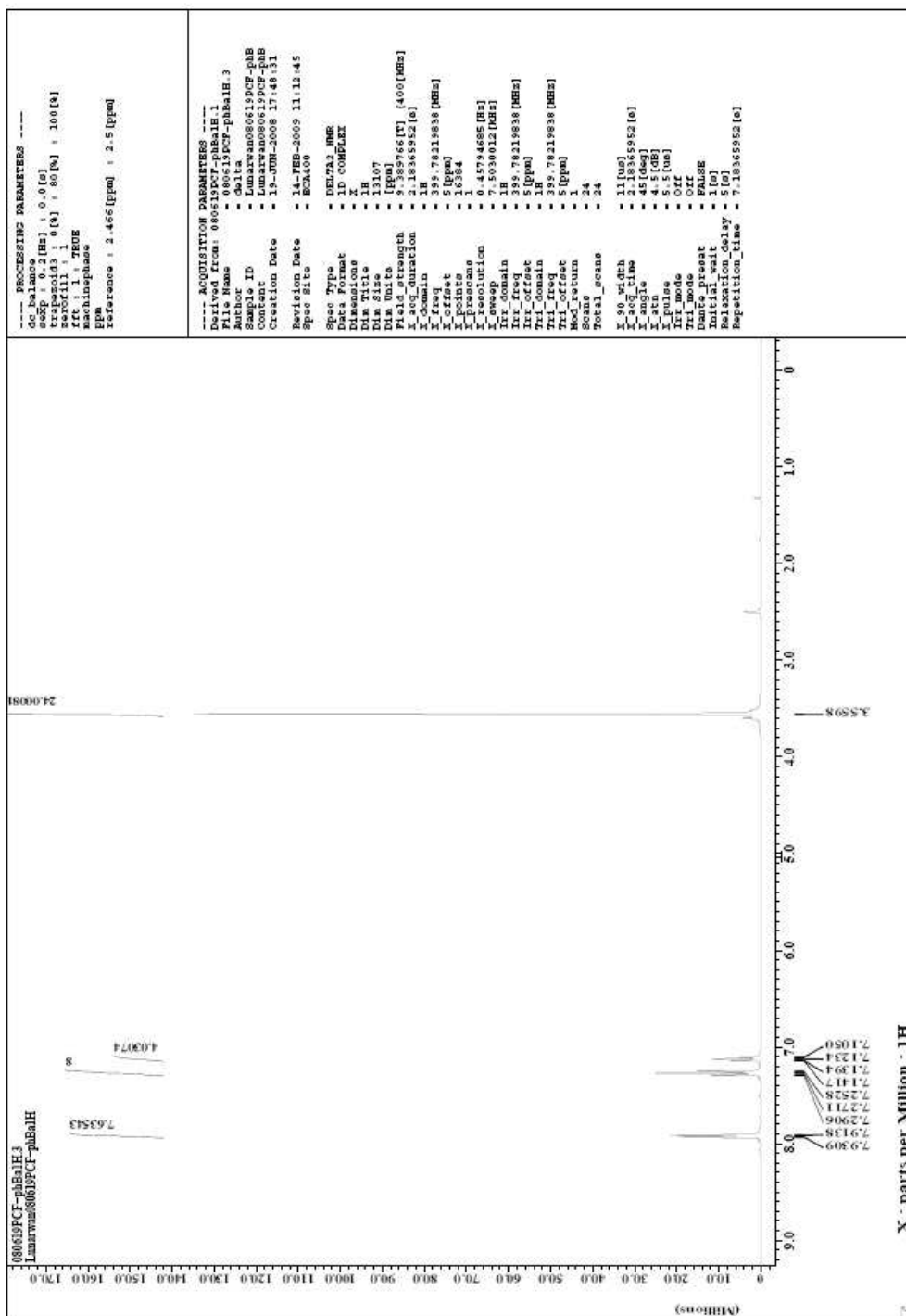


Figure S11. The ^1H NMR spectrum of **7** in $\text{DMSO-}d_6$ at $23\text{ }^\circ\text{C}$.