

Electronic Supporting Information

Organocatalysis by Bimacrocyclic NHCs: Unexpected Formation of a Cyclic Hemiacetal Instead of a γ Butyrolactone

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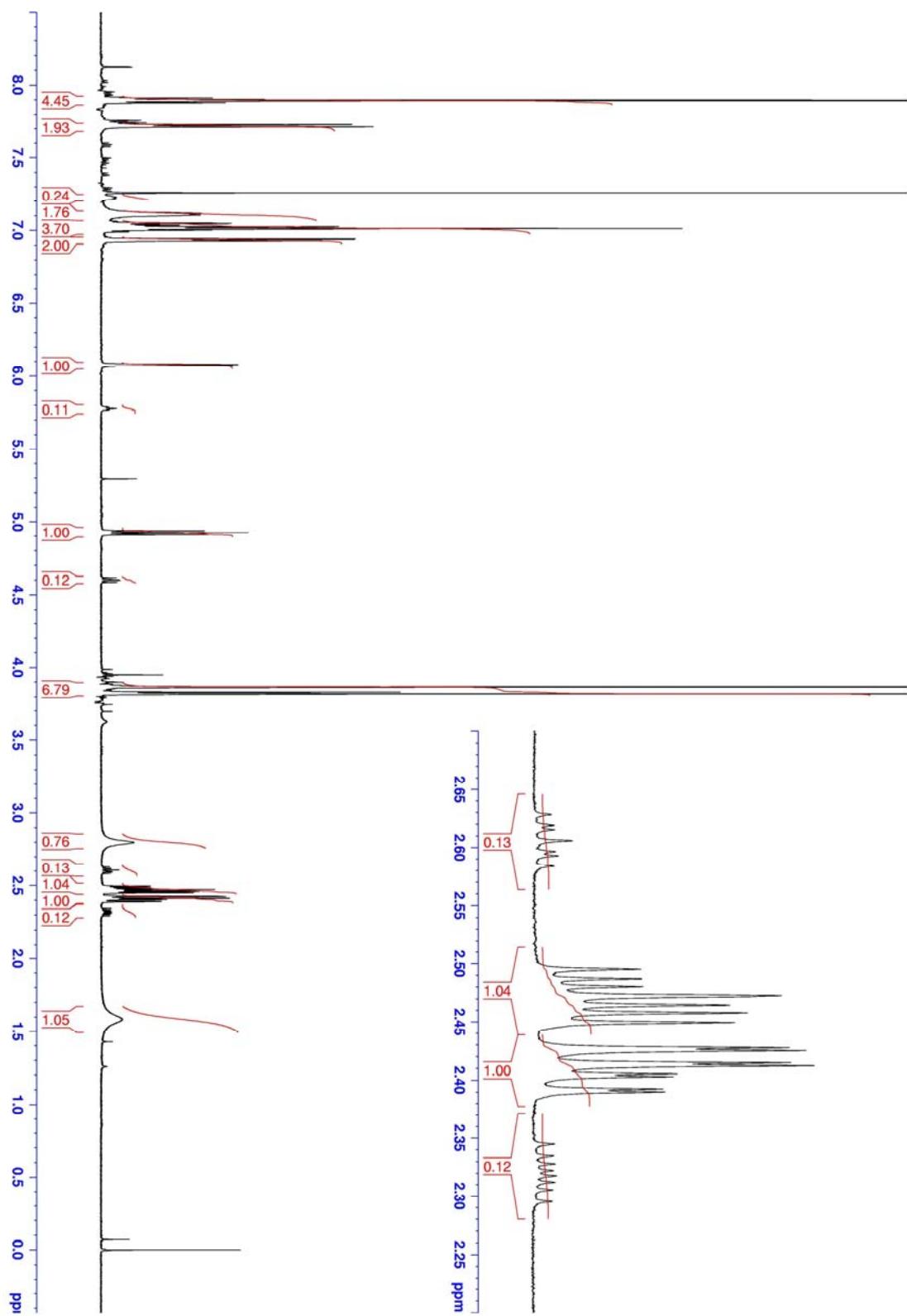
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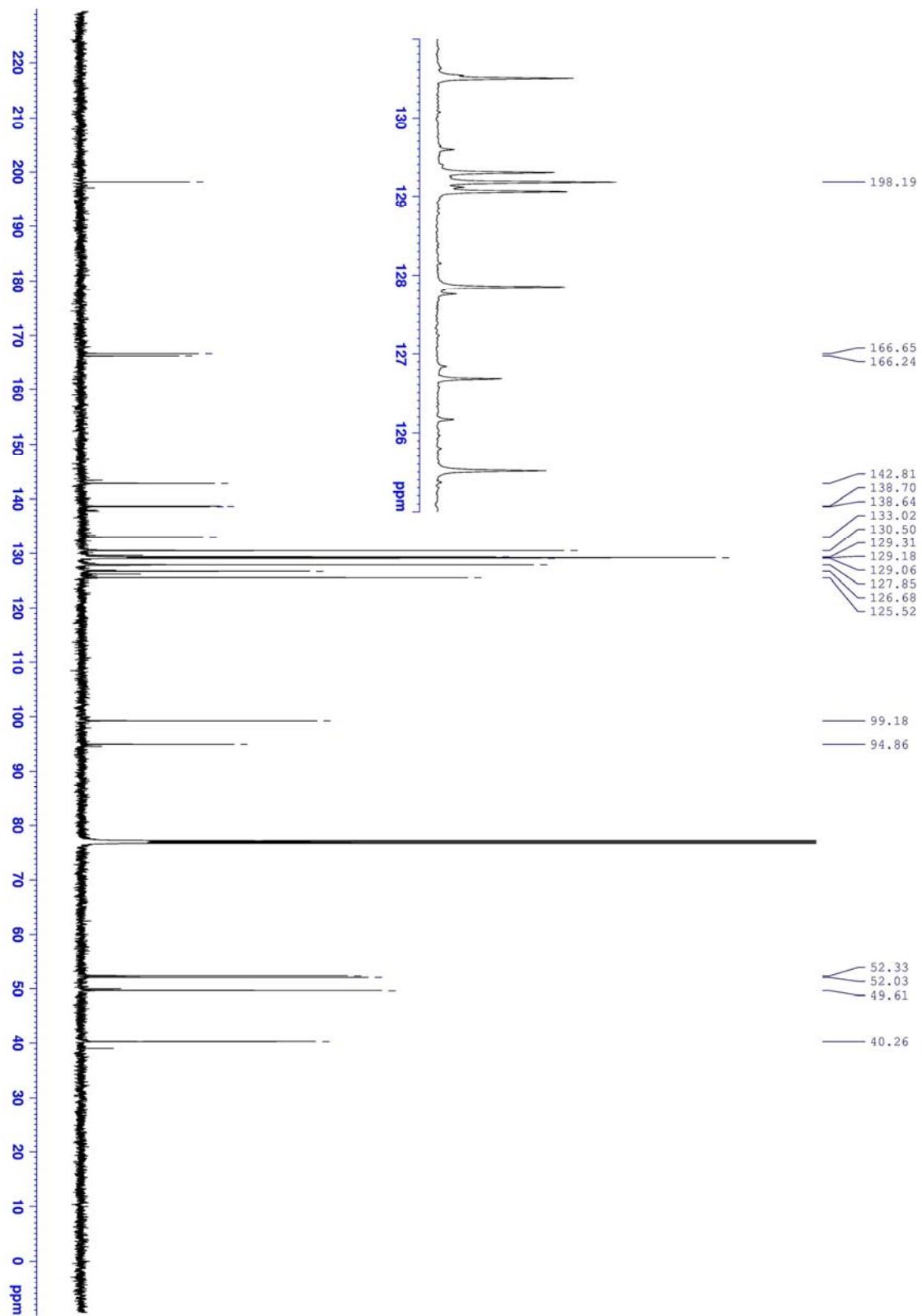
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NMR Spectral Data of hemiacetal 7	2
NMR Spectral Data of benzil 8	8
NMR Spectral Data of benzoin 9	10

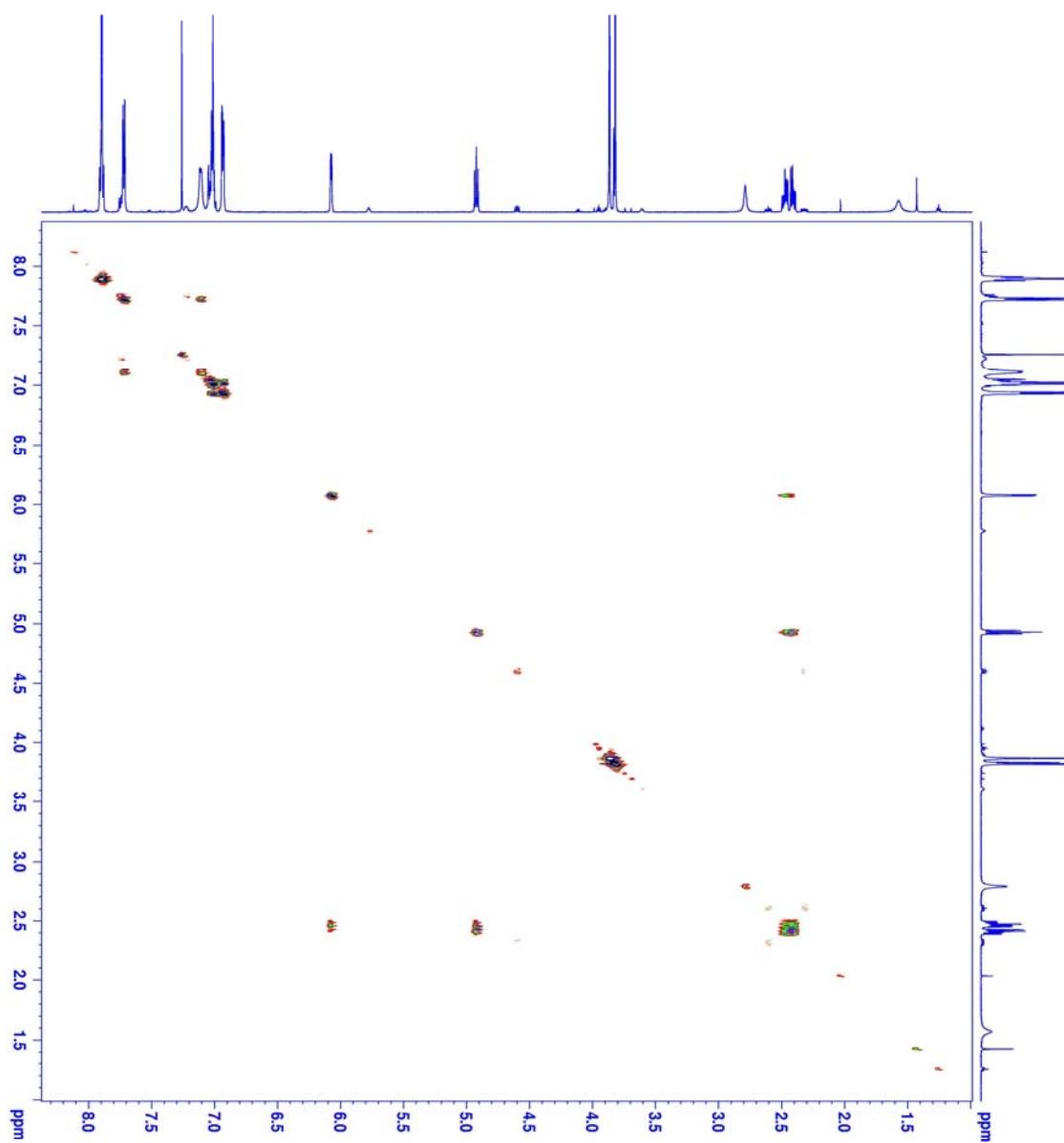
¹H NMR (600 MHz, CDCl₃) of hemiacetal **7**



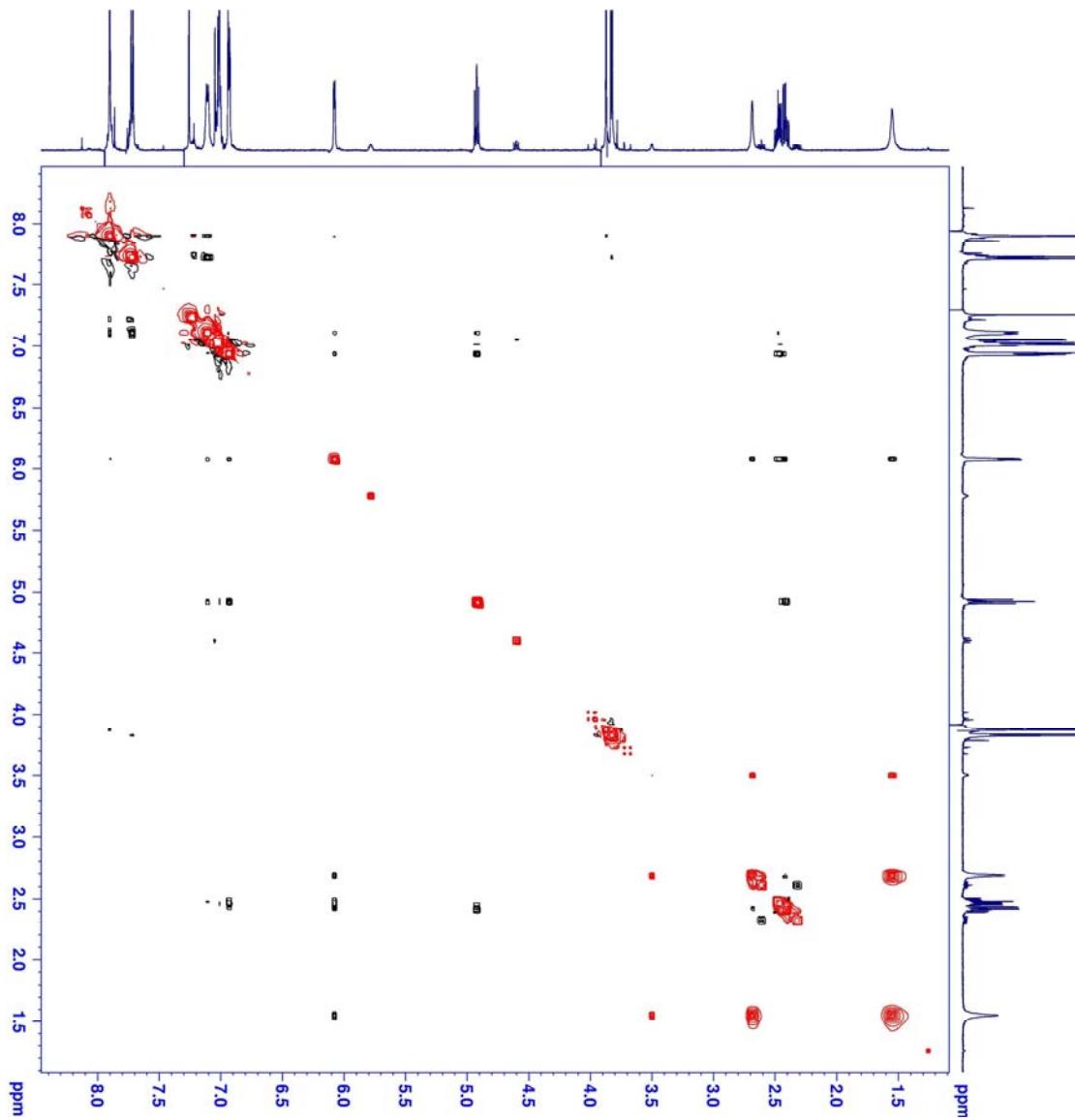
¹³C NMR (150 MHz, CDCl₃) of hemiacetal **7**



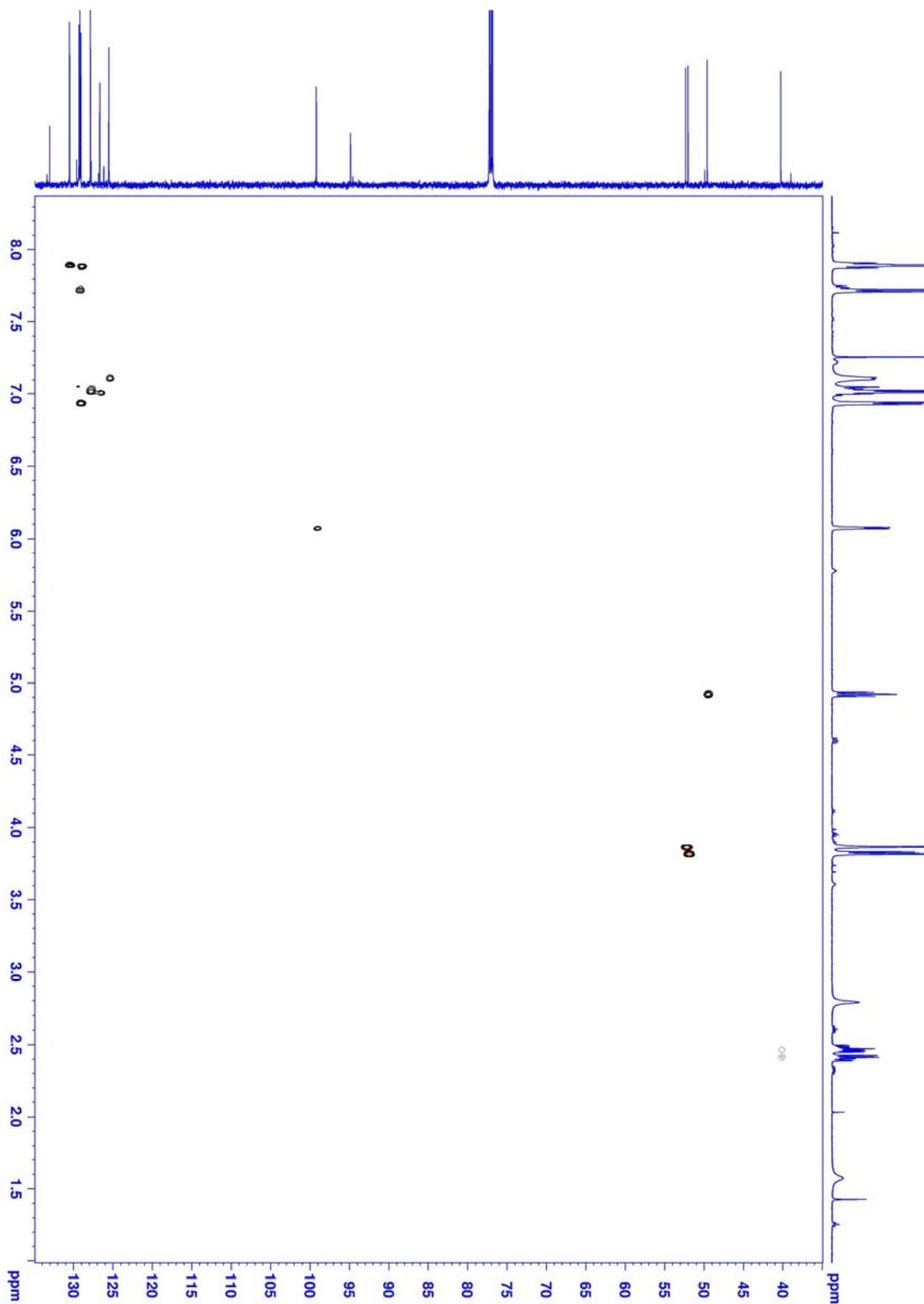
COSY (600 MHz, CDCl₃) of hemiacetal **7**



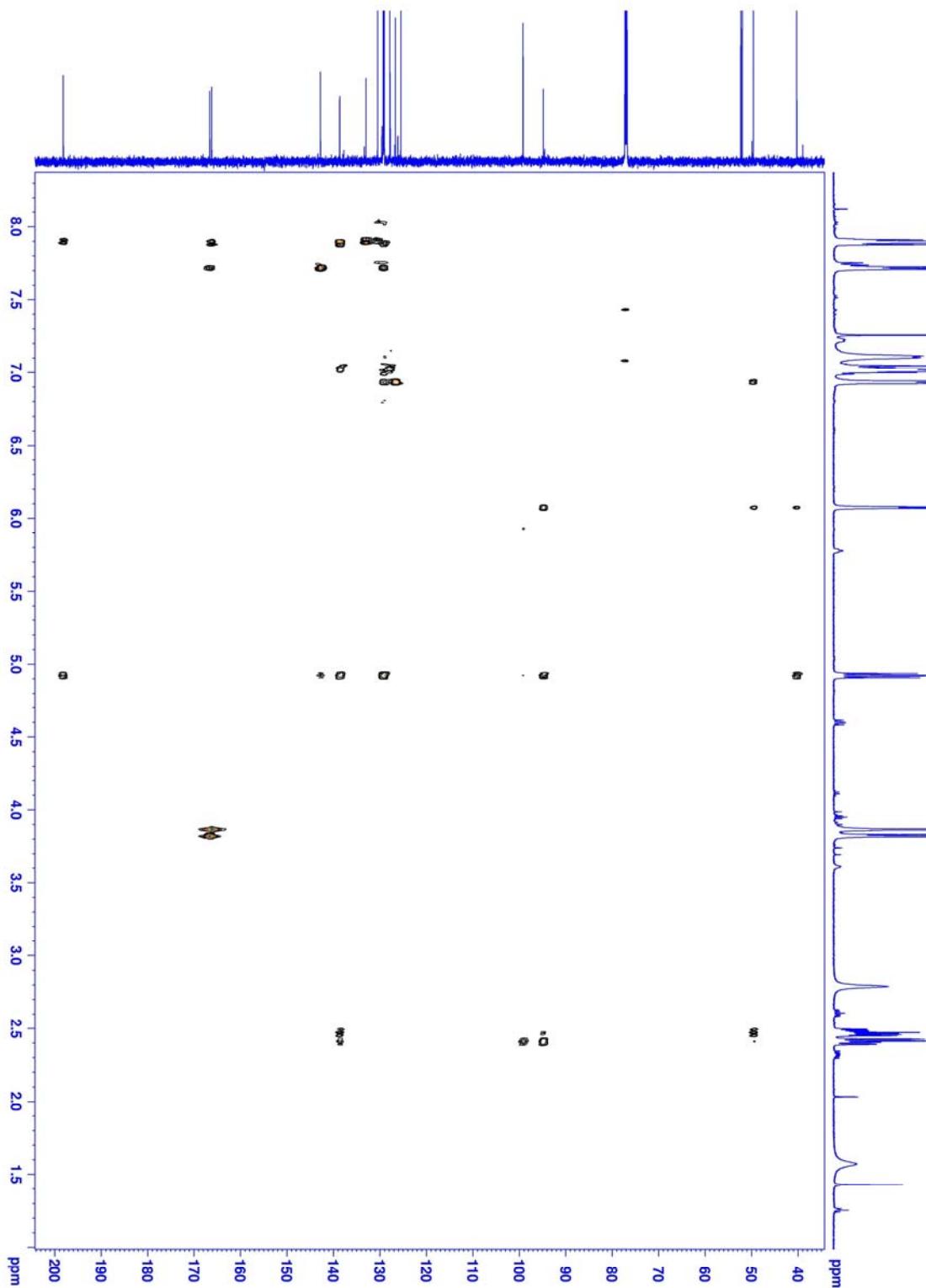
NOESY (500 MHz, CDCl₃) of hemiacetal **7**



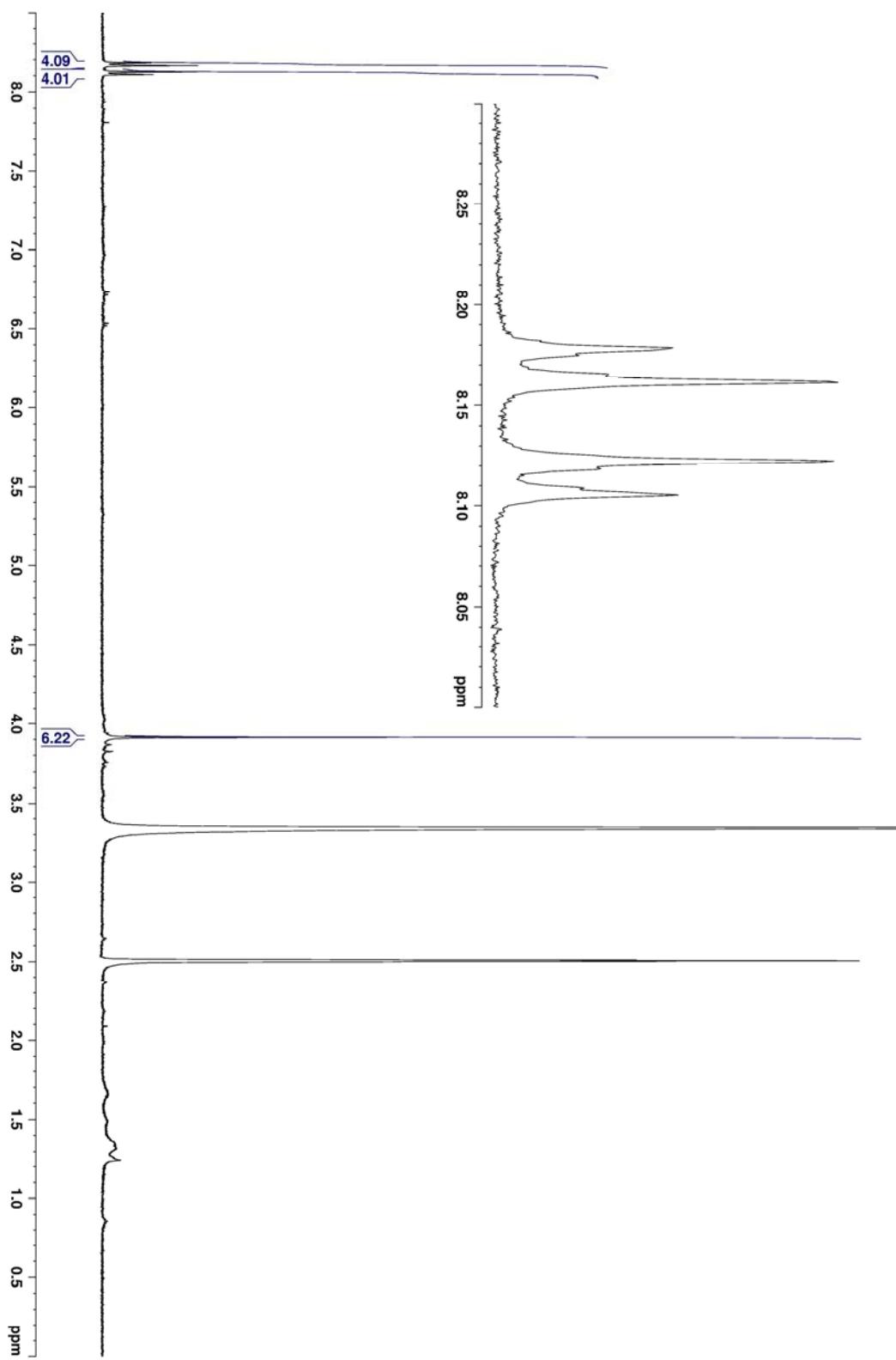
HSQC (600/150 MHz, CDCl₃) of hemiacetal 7



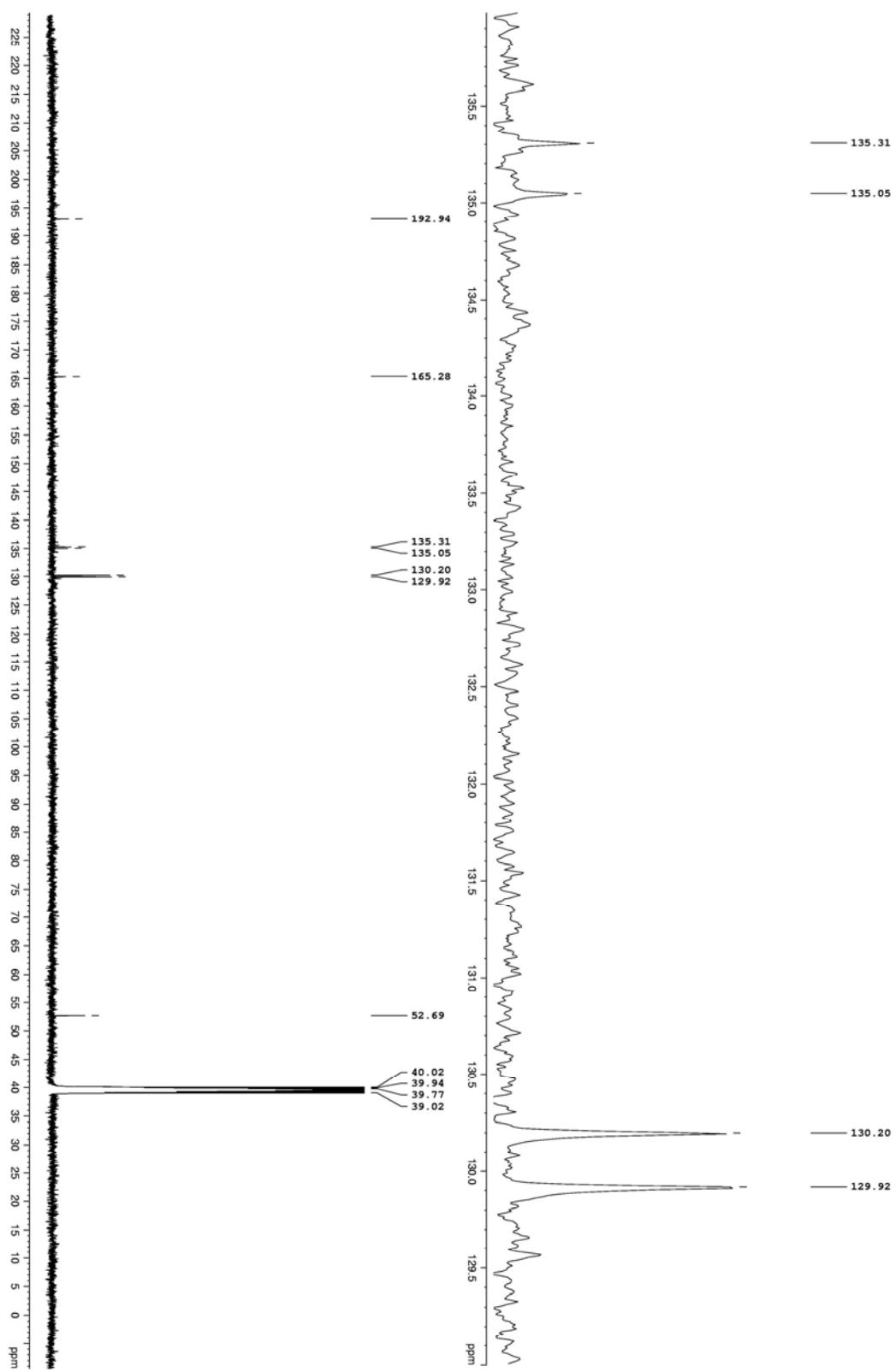
HMBC (600/150 MHz, CDCl₃) of hemiacetal 7



¹H NMR (500 MHz, d₆-DMSO) of benzil **8**



^{13}C NMR (125 MHz, d₆-DMSO) of benzil **8**



¹H NMR (300 MHz, d₆-DMSO) of benzoin **9**

