Supramolecular Architecture and Crystal Structure of Gold(III) Compounds with Semicarbazones

Supporting Information

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SUMMARY:

Figure S1. IR spectra of compound (Hdpksz)Cl (1)-----	III
Figure S2. IR spectra of compound (Hdpksz)Cl·2H ₂ O (2)-----	IV
Figure S3. IR spectra of compound [HCldpksz][AuCl ₄] (3)-----	V
Figure S4. IR spectra of compound [HCldpksz][AuBr ₄] (4)-----	VI
Figure S5. IR spectra of compound [HCldpcpsz][AuCl ₄] (5)-----	VII
Figure S6. IR spectra of compound [HCldpcpsz][AuBr ₄] (6)-----	VIII
Figure S7. ¹ H NMR spectra of compound (1) (DMSO, 300 MHz, RT)-----	IX
Figure S8. ¹ H NMR spectra of compound (2) (DMSO, 300 MHz, RT)-----	X
Figure S9. ¹ H NMR spectra of compound (3 and 4) (DMSO, 600 and 300 MHz, RT)-----	XI
Figure S10. ¹ H NMR spectra of compound (5 and 6) (DMSO, 300 MHz, RT)-----	XII
Figure S11. ¹³ C NMR spectra of compound (1) (DMSO, 300 MHz, RT)-----	XIII
Figure S12. ¹³ C NMR spectra of compound (2) (DMSO, 300 MHz, RT)-----	XIV
Figure S13. ¹³ C NMR spectra of compound (3 and 4) (DMSO, 600 and 300 MHz, RT)-----	XV
Figure S14. ¹³ C NMR spectra of compound (5 and 6) (DMSO, 300 MHz, RT)-----	XVI

Figure S1. IR spectra of compound (Hdpksz)Cl (**1**).

Figure S2. IR spectra of compound (Hdpkpsz)Cl·2H₂O (**2**).

Figure S3. IR spectra of compound [HCldpksz][AuCl₄] (3).

Figure S4. IR spectra of compound [HCldpksz][AuBr₄] (4).

Figure S5. IR spectra of compound [HCldpcpsz][AuCl₄] (5).

Figure S6. IR spectra of compound [HCldpcpsz][AuBr₄] (6).

Figure S7. ^1H NMR spectra of compound (1) (DMSO, 300 MHz, RT).

Figure S8. ^1H NMR spectra of compound (2) (DMSO, 300 MHz, RT).

Figure S9. ^1H NMR spectra of compound (**3** and **4**) (DMSO, 600 and 300 MHz, RT).

Figure S10. ^1H NMR spectra of compound (**5** and **6**) (DMSO, 300 MHz, RT).

Figure S11. ^{13}C NMR spectra of compound (1) (DMSO, 300 MHz, RT).

Figure S12. ^{13}C NMR spectra of compound (2) (DMSO, 300 MHz, RT).

Figure S13. ^{13}C NMR spectra of compound (**3 and 4**) (DMSO, 600 and 300 MHz, RT).

Figure S14. ^{13}C NMR spectra of compound (**5** and **6**) (DMSO, 300 MHz, RT).