

In vitro cytotoxicity and antibacterial activity of [Pd(AMTTO)(PPh₃)₂]: a novel promising palladium(II) complex

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Supporting Information

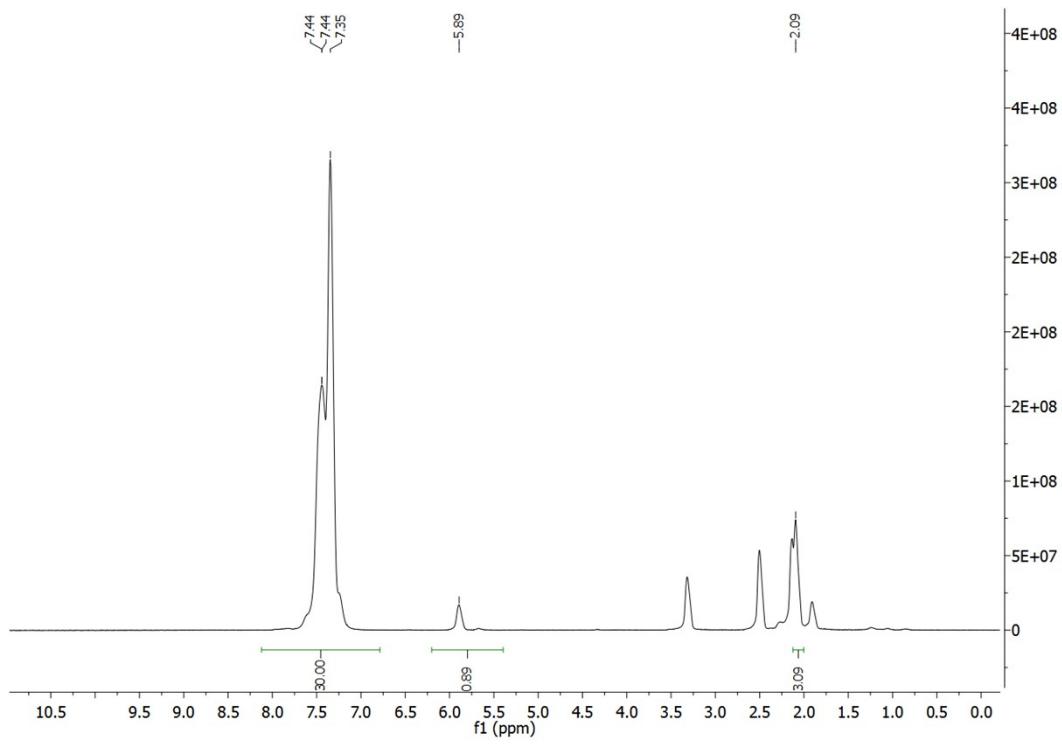


Fig. SF1. ¹H NMR spectrum of complex **1**·DMF in DMSO-*d*₆ at 25 °C.

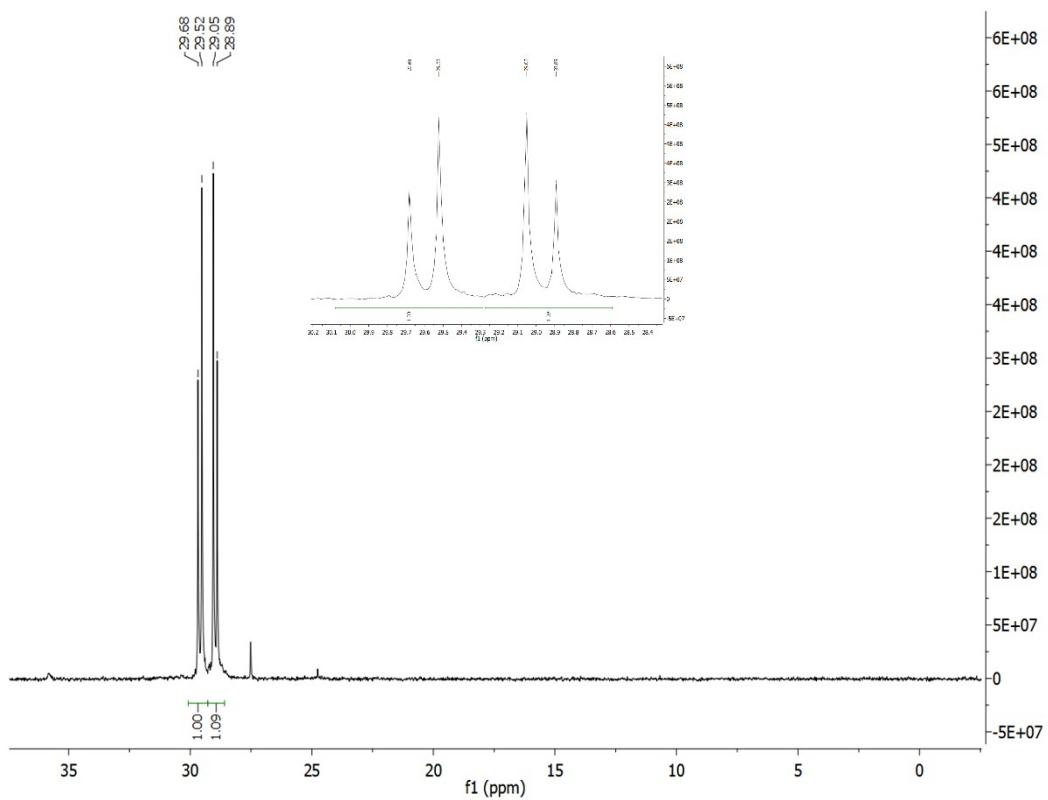


Fig. SF2. ^{31}P NMR spectrum of complex **1** in $\text{DMSO}-d_6$ at $25\text{ }^\circ\text{C}$.

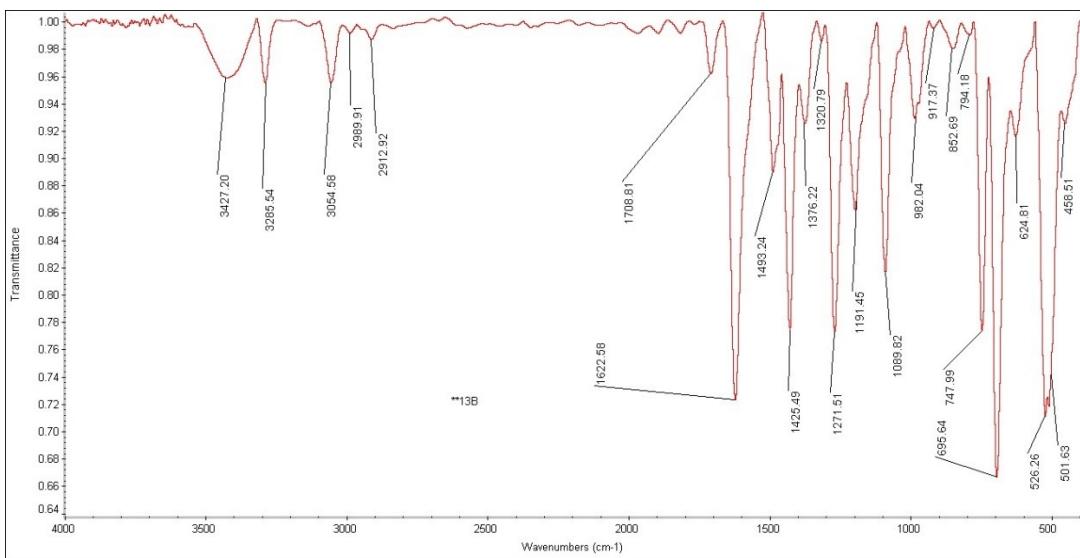


Fig. SF3. FT-IR spectrum of complex **1** (KBr pellets).

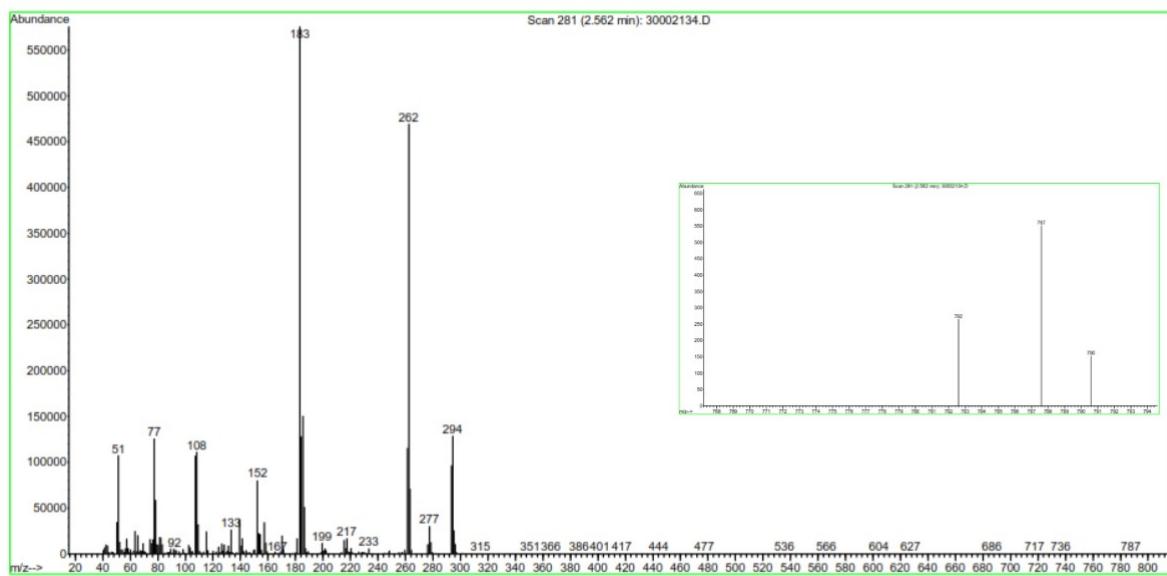


Fig. SF4. Mass spectrum of complex **1** recorded at 70eV at 25 °C.

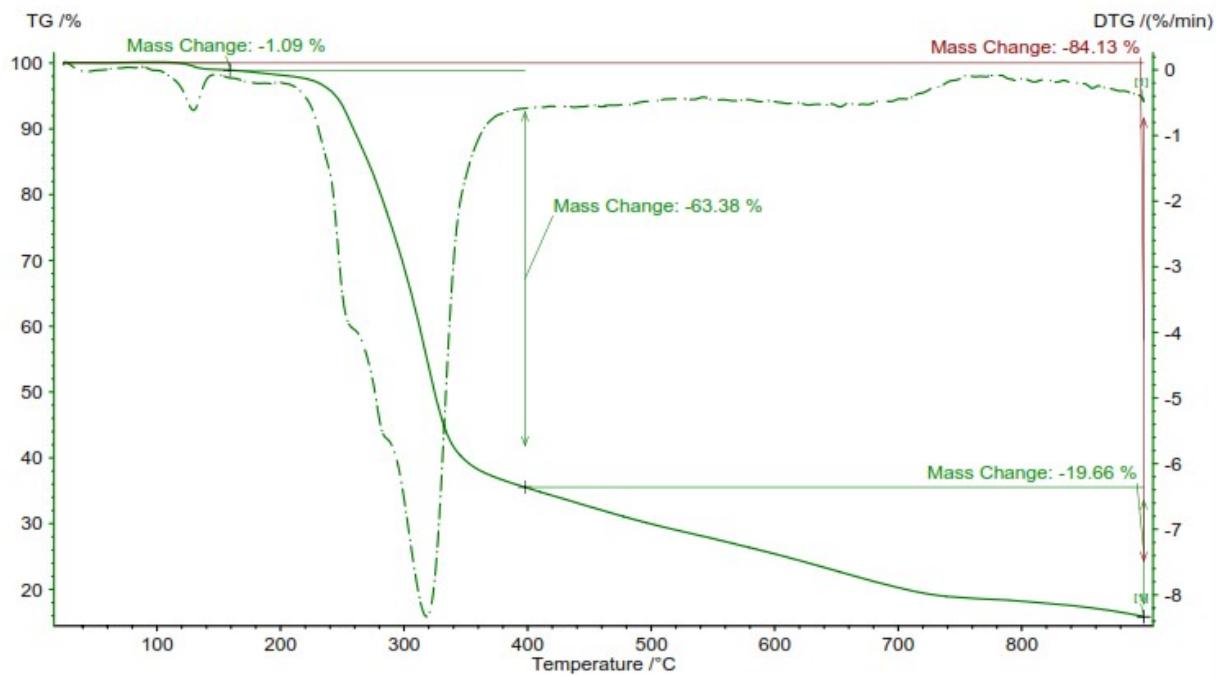


Fig. SF5. TGA curve of complex 1.

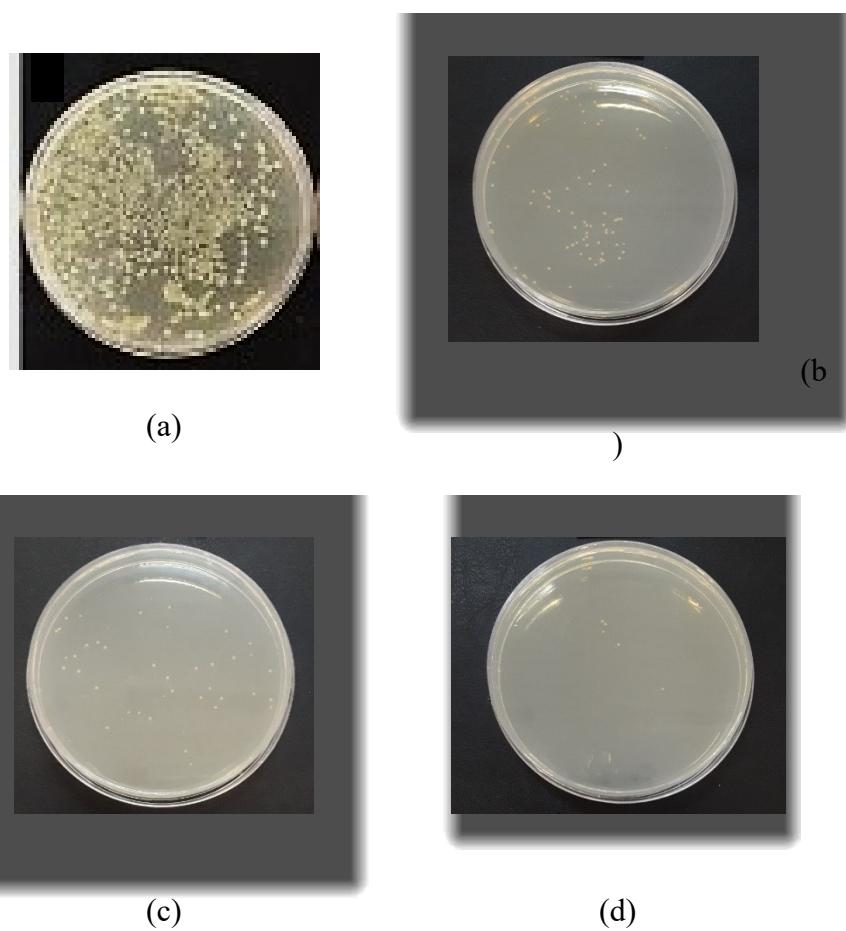


Fig. SF6 Illustration of the *in vitro* antibacterial activity against *E. coli* at 48 h of 10^{-4} dilution for (a) control sample; (b) AMTTO sample; (c) PPh₃ sample and (d) complex **1** sample.



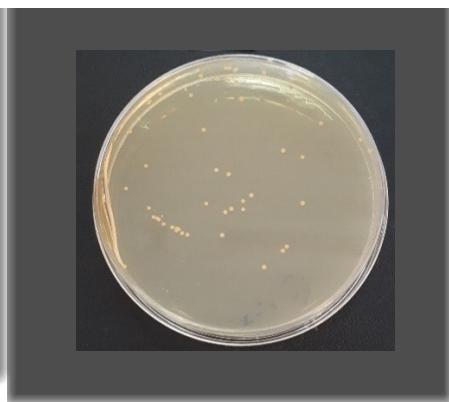
(a)



(b)



(c)



(d)

Fig. SF7 Illustration of the *in vitro* antibacterial activity against *S. aureus* at 48 h of 10^{-4} dilution for (a) control sample; (b) AMTTO sample; (c) PPh₃ sample and (d) complex **1** sample.