Supplementary Materials

Synthesis of Catena-bis(μ-bromo)-(*O*-methyl-*N*-phenylthiocarbamate)-dicopper(I) and its Reactivity towards PAr_3 (Ar = Ph, *p*-Tol)

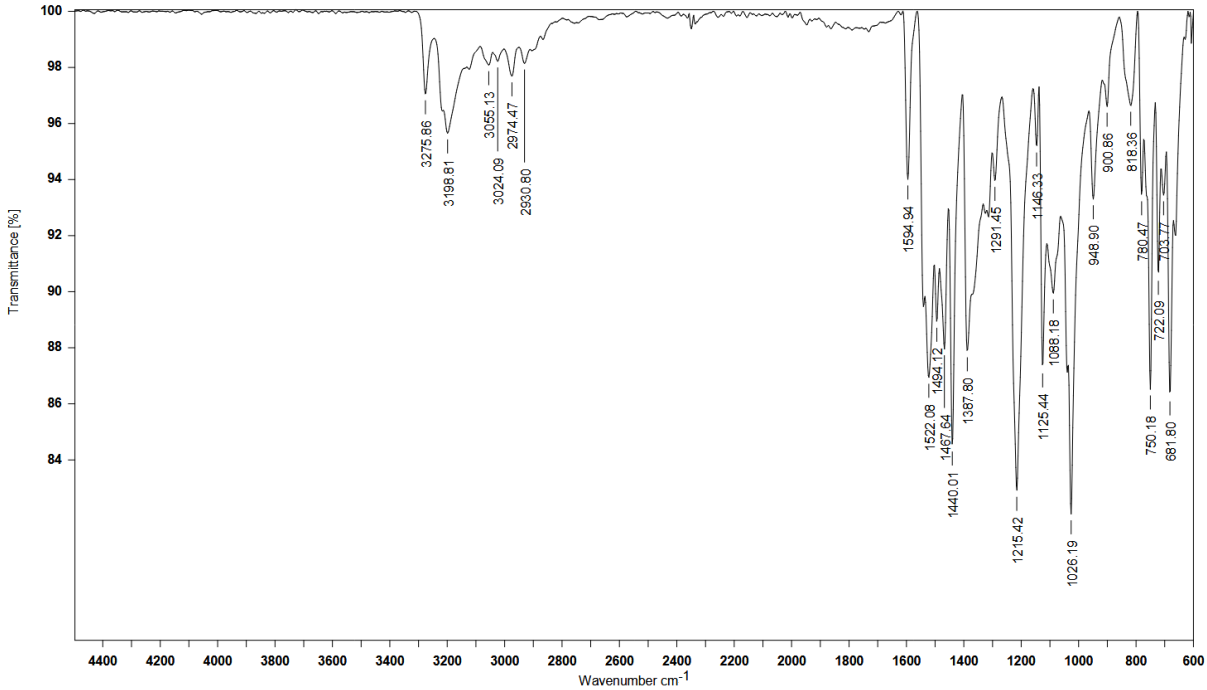

Figure S1. IR(ATR) spectrum of **CP1.**

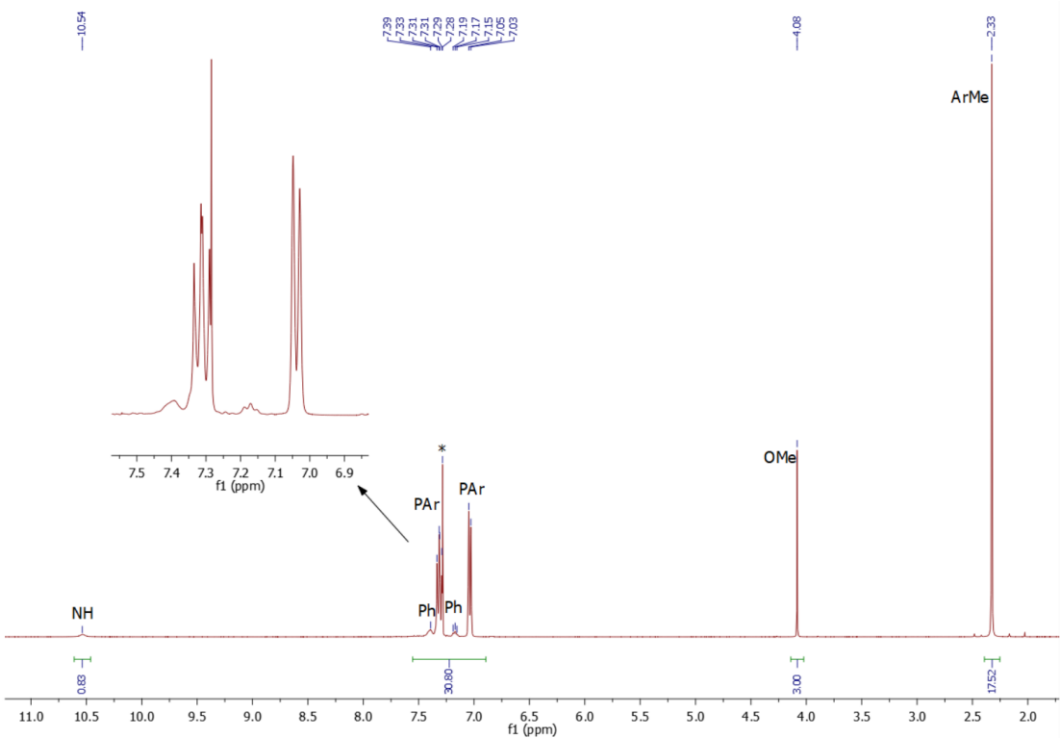

Figure S2. ^{1}H-NMR spectrum (400 MHz, $CDCl_3$) of compound **C2** at 25 °C. The asterisk * denotes the chloroform resonance.

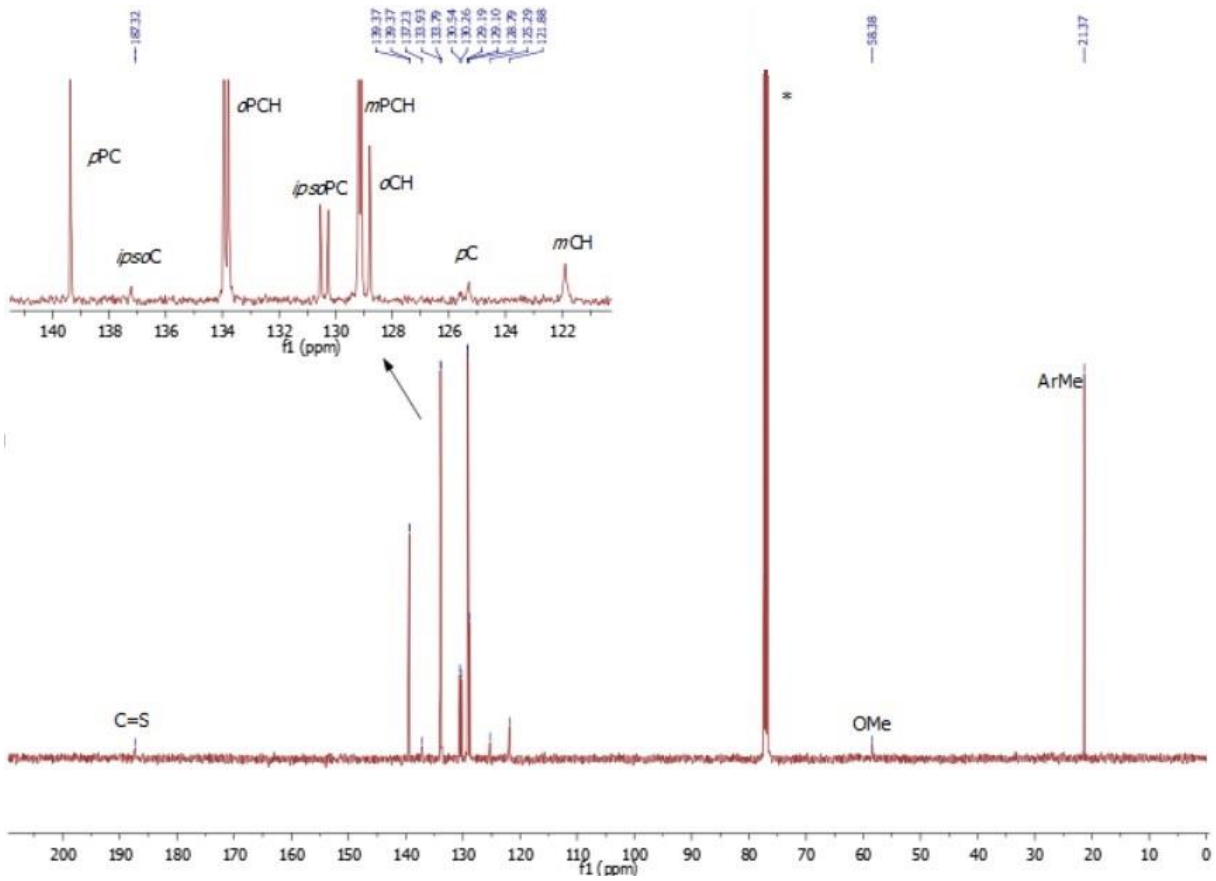

Figure S3. $^{13}C\{^{1}H\}$ NMR spectrum (100.62 MHz, $CDCl_3$) of compound C**2** at 25°C. The asterisk * denotes the $CDCl_3$ resonance.

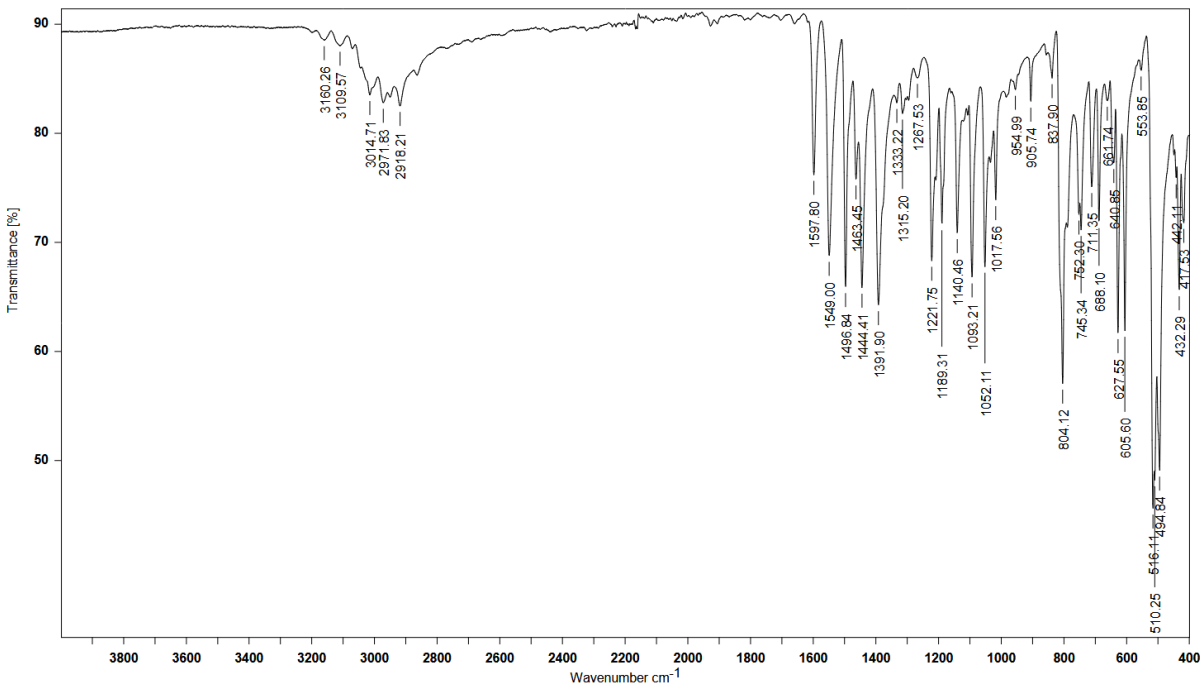

Figure S4. IR-ATR spectrum of compound **C2.**