

SUPPLEMENTARY MATERIALS for

Manganese(II) bromide coordination toward the target product and by-product of the condensation reaction between 2-picoly1 amine and acenaphthenequinone

Vera V. Khrizanforova ¹, Robert R. Fayzullin ¹, Yulia H. Budnikova ^{1*}

¹ Arbuzov Institute of Organic and Physical Chemistry, FRC Kazan Scientific Center, Russian Academy of Sciences, 8 Arbuzov Street, Kazan 420088, Russian Federation
* yulia@iopc.ru

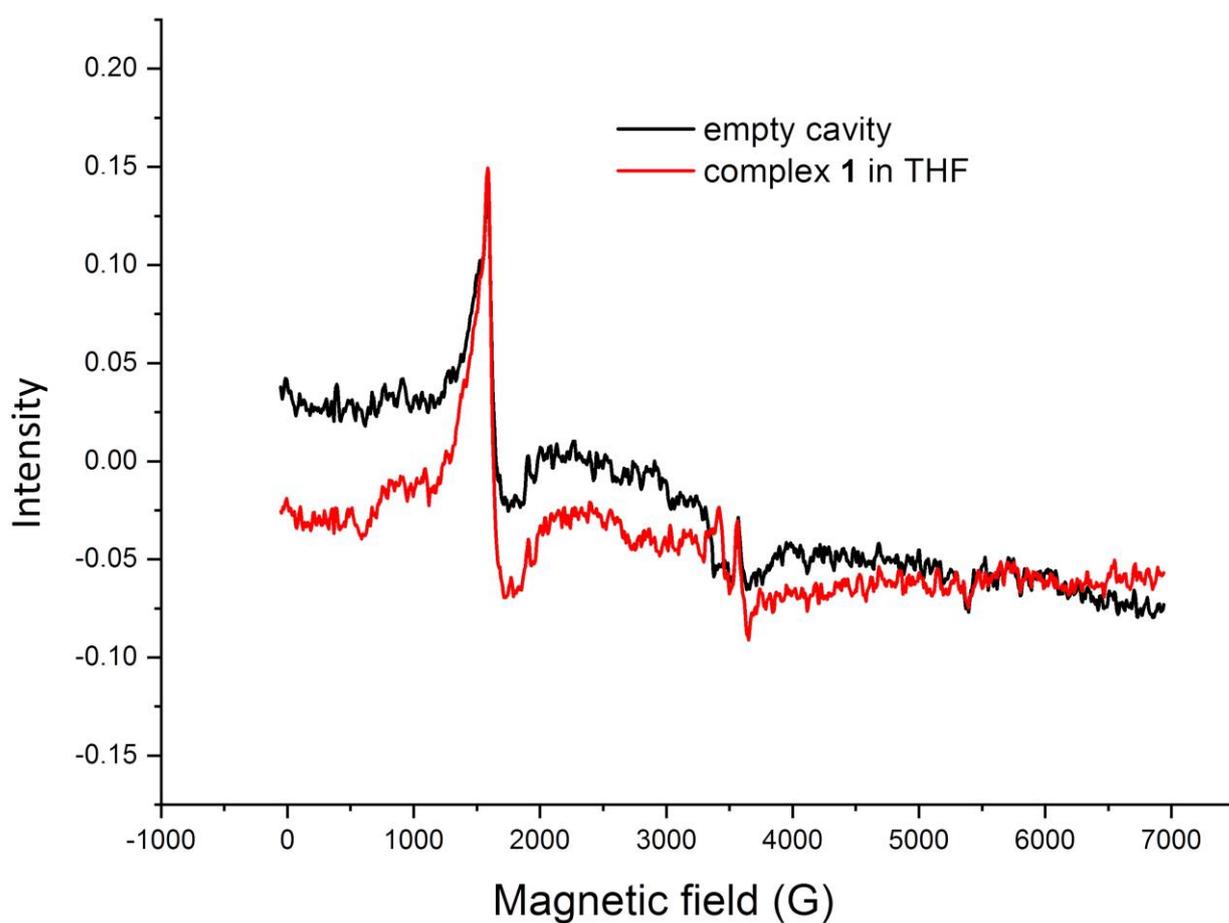


Figure S1. EPR spectra of complex 1 in THF.

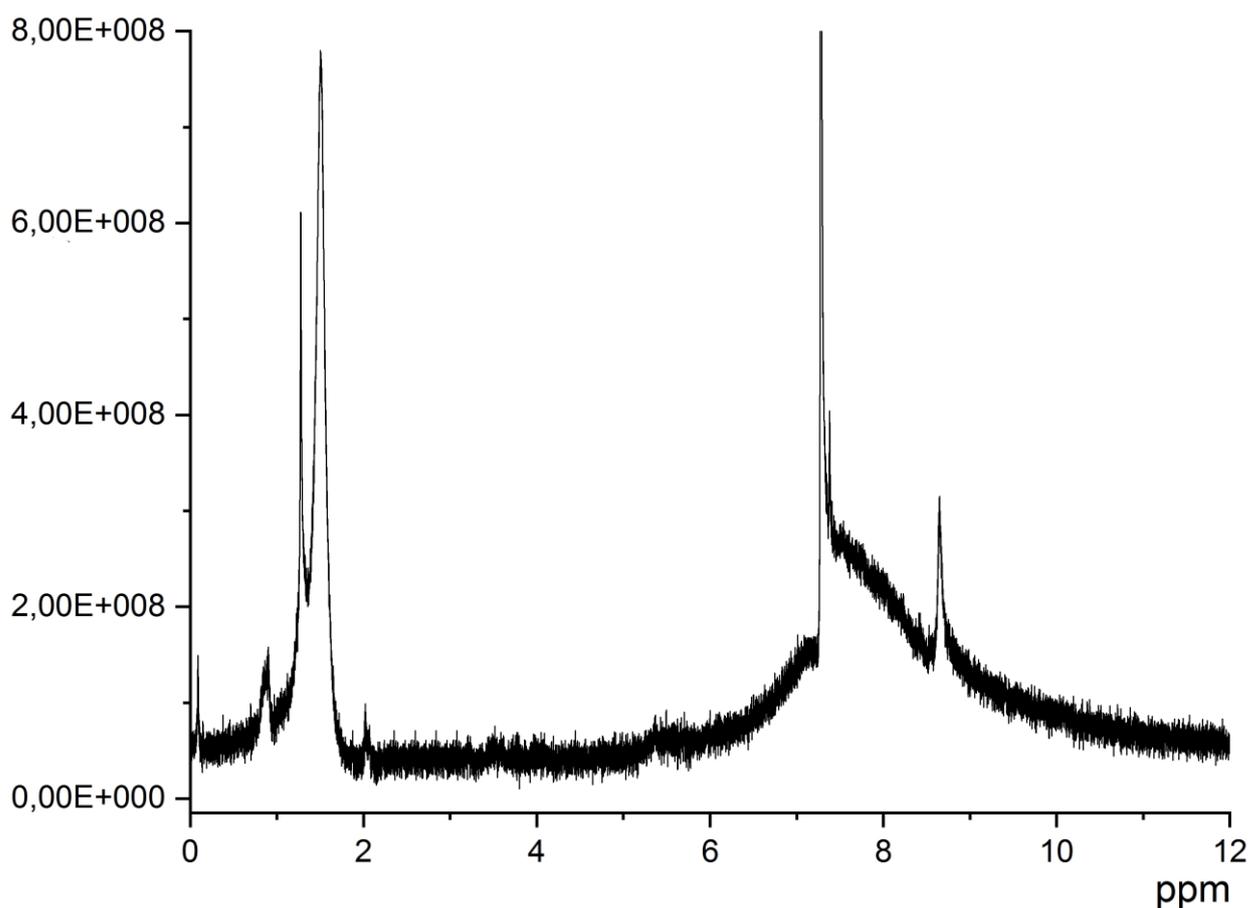


Figure S2. ¹H NMR spectra of complex **1** in CDCl₃

NMR measurements were performed in the NMR department (A.E. Arbuzov Institute Organic and Physical Chemistry) of the Federal Collective Spectral Analysis Center for physical and chemical studies on the structure, properties, and composition of matter and materials. NMR experiments were conducted using Bruker spectrometers AVANCE-400 (399.93 MHz (¹H)) equipped with a pulsed gradient unit capable of producing magnetic field pulse gradients in the z-direction of 53.5 G cm⁻¹. Chemical shifts are reported on the δ (ppm) scale relative to the residual solvent signals for ¹H. **EPR spectroscopy.** EPR spectra were registered on a Bruker ELEXSYS E500 Xrange spectrometer. The solution of sample was prepared and placed to quartz calcined ampule in glove box inert atmosphere and then soldered.