

Figure S1. Projection on the  $-101$  plane of the layer of  $[\text{Fe}^{\text{III}}(5\text{-NO}_2\text{sal}_2\text{-trien})]^+$  complexes on the structure of **1** showing the intermolecular interactions between  $[\text{Fe}^{\text{III}}(5\text{-NO}_2\text{sal}_2\text{-trien})]^+$  complexes (blue-dotted lines).

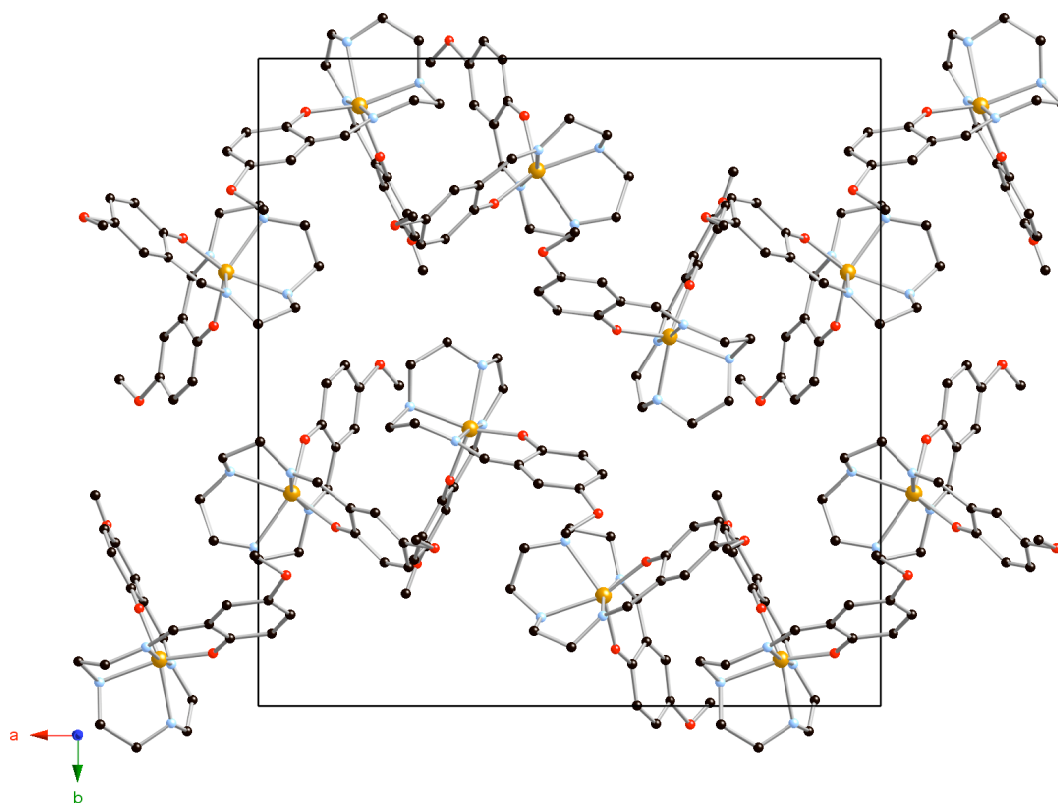


Figure S2. Projection on the *ab* plane of the [Fe<sup>III</sup>(5-CH<sub>3</sub>Osal<sub>2</sub>-trien)]<sup>+</sup> complexes on the structure of **2**.