

# Iranian Journal of Catalysis

## Supplementary Material

### **Fabrication of nano-[Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub>@Si-Pr-Bipyr][FeCl<sub>4</sub>] as a novel magnetic nanocatalyst, and its utility for the construction of 1,2,4-triazolo[1,5-*a*]pyrimidines**

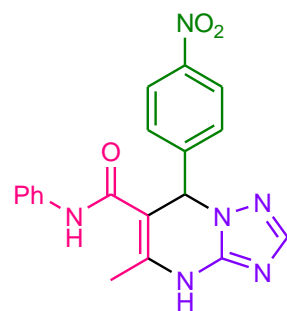
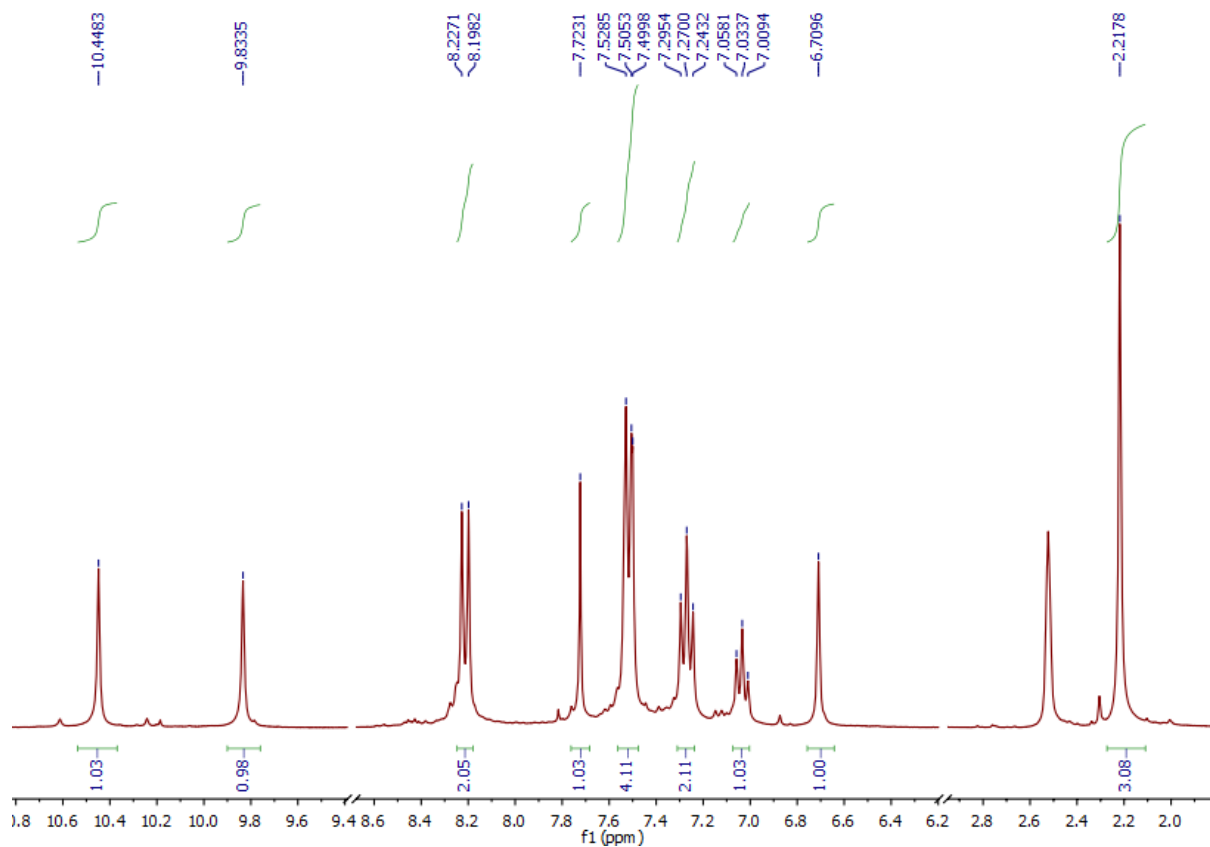
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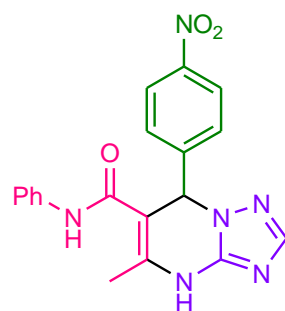
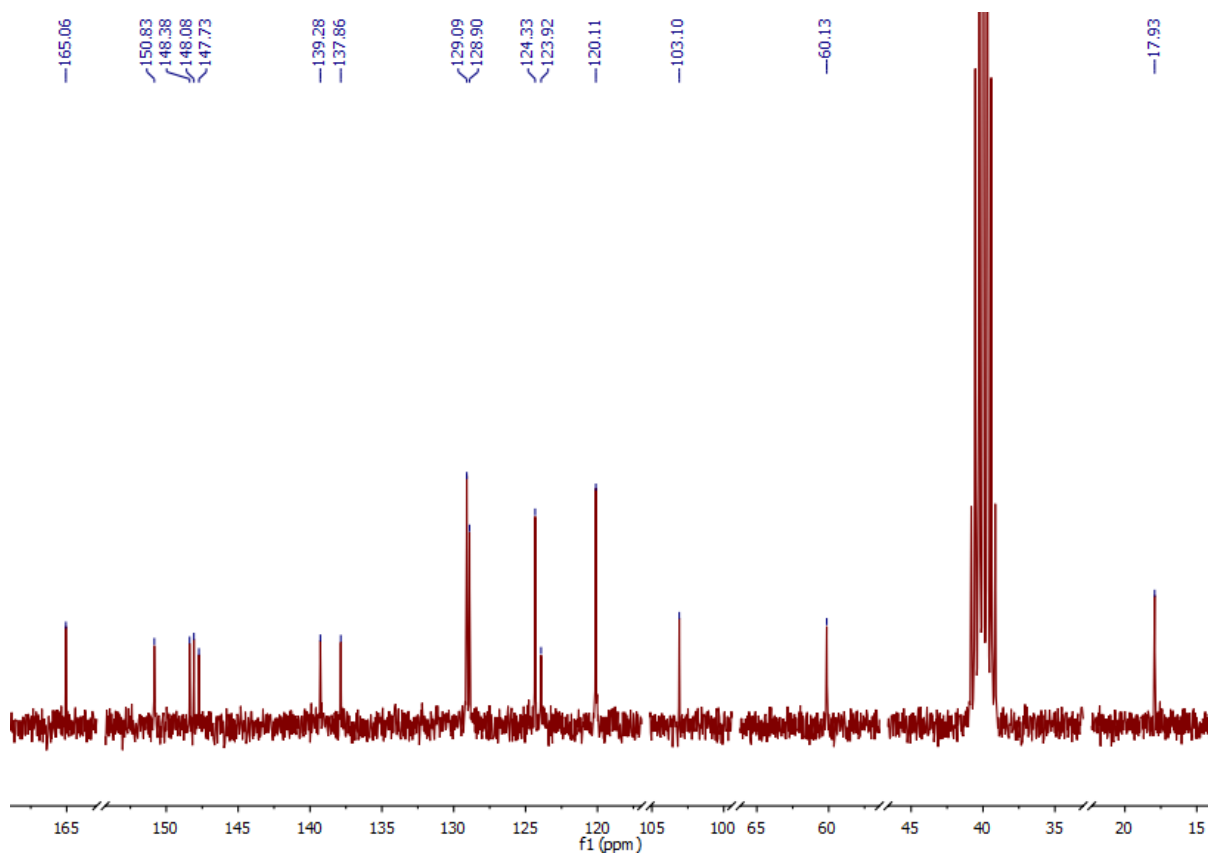
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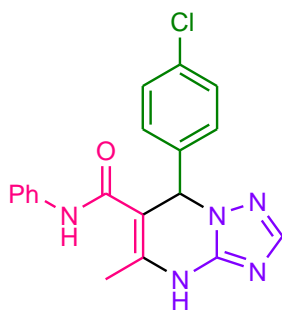
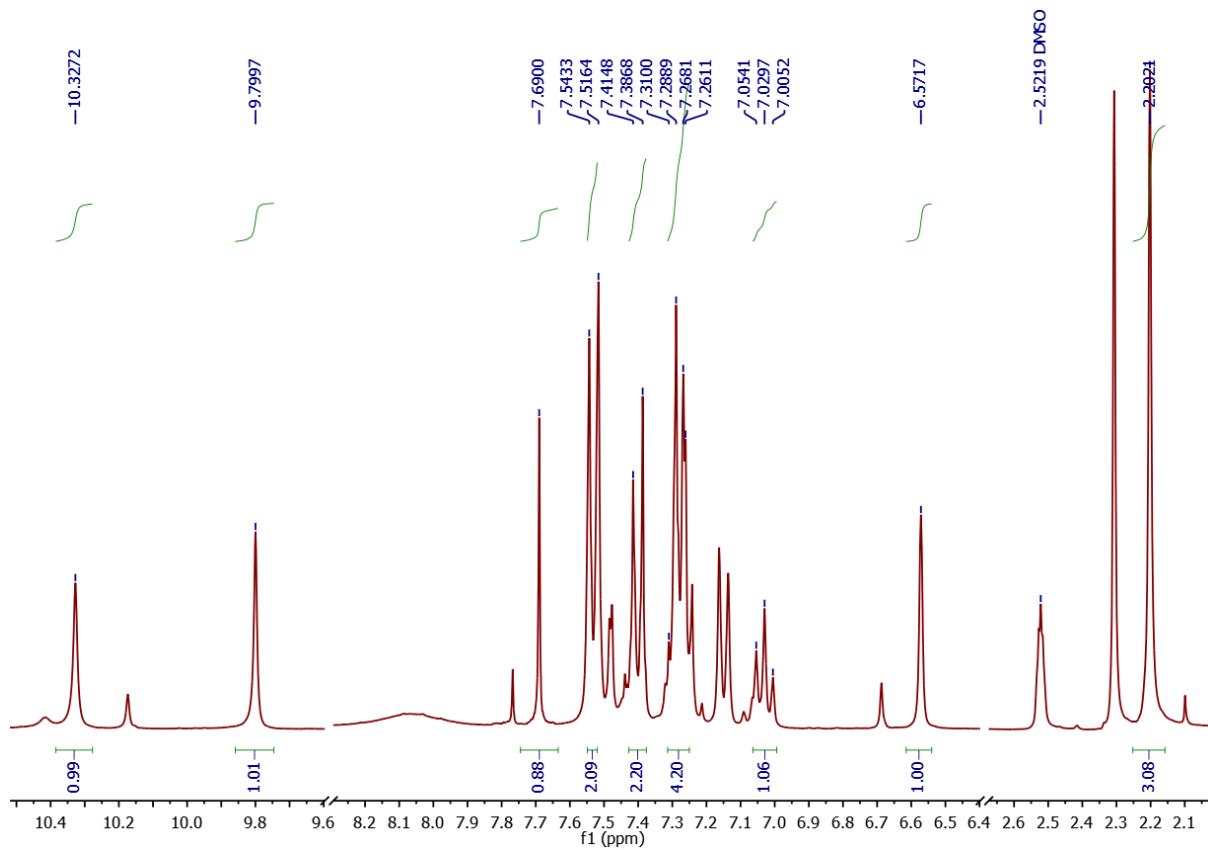
This supplementary material includes selected original <sup>1</sup>H and <sup>13</sup>C NMR spectrums of the synthesized 1,2,4-triazolo[1,5-*a*]pyrimidines (Figures S1-S6).



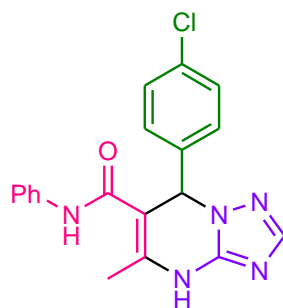
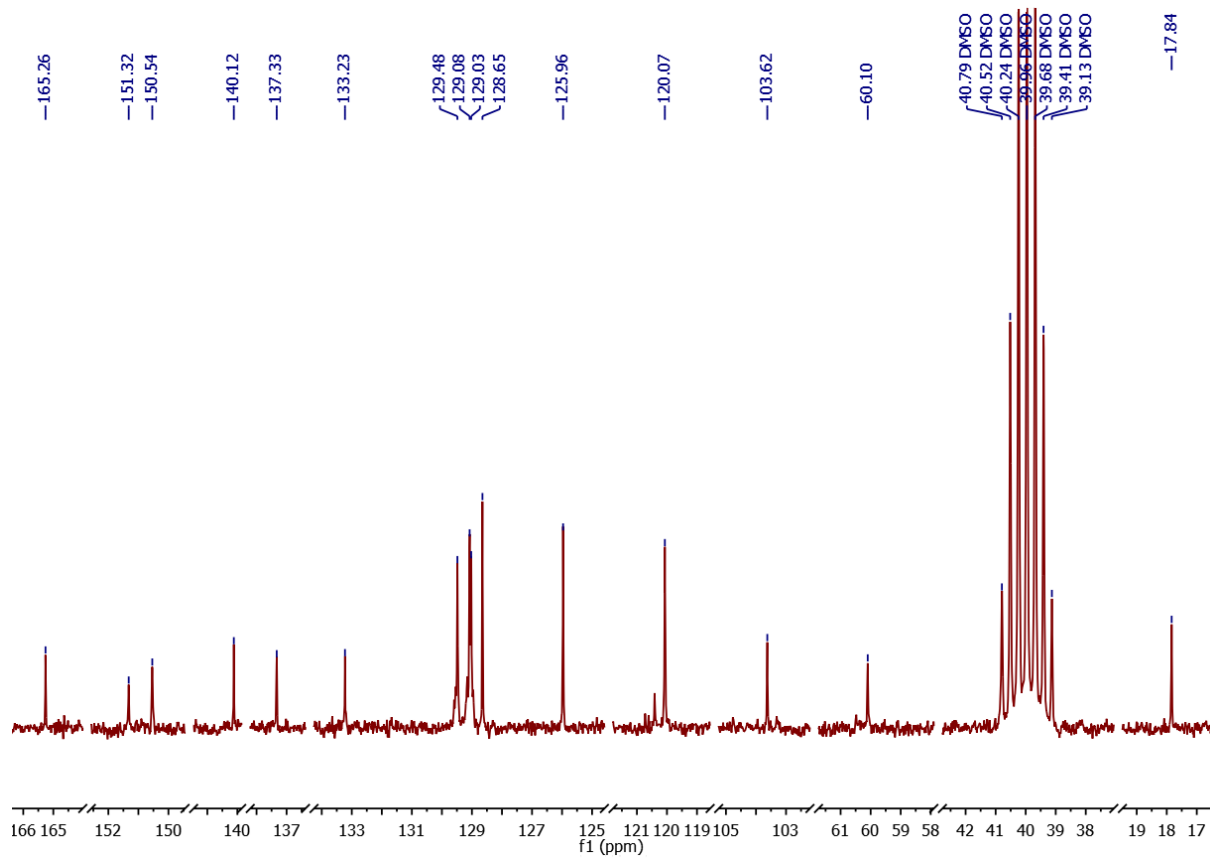
**Figure S1.** The  $^1\text{H}$  NMR spectrum of compound **e**.



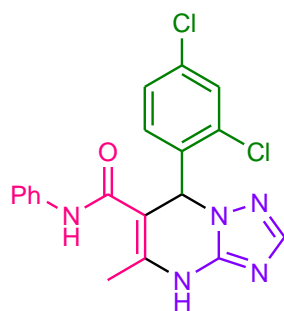
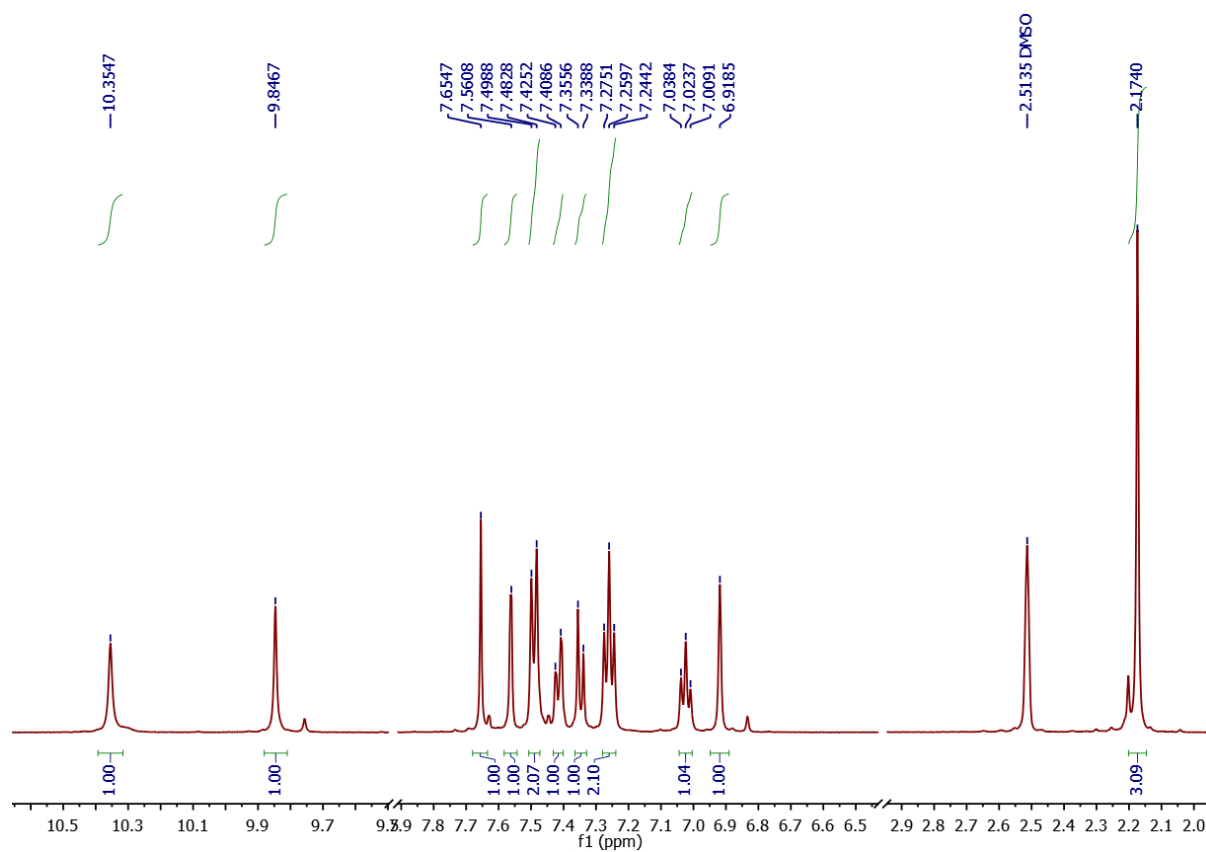
**Figure S2.** The  $^{13}\text{C}$  NMR spectrum of compound **e**.



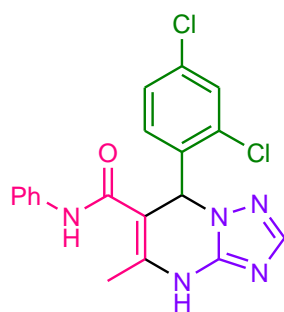
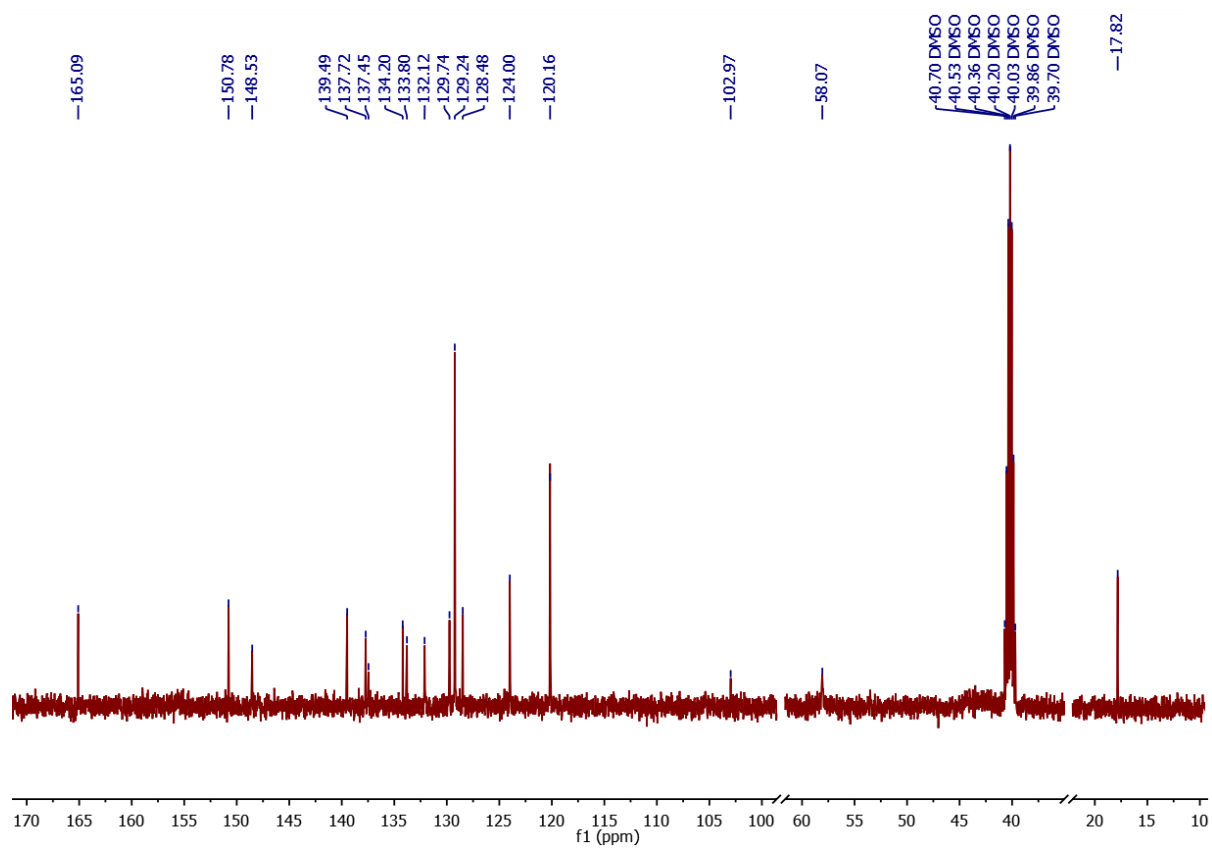
**Figure S3.** The  $^1\text{H}$  NMR spectrum of compound **g**.



**Figure S4.** The  $^{13}\text{C}$  NMR spectrum of compound g.



**Figure S5.** The  $^1\text{H}$  NMR spectrum of compound **h**.



**Figure S6.** The  $^{13}\text{C}$  NMR spectrum of compound **h**.