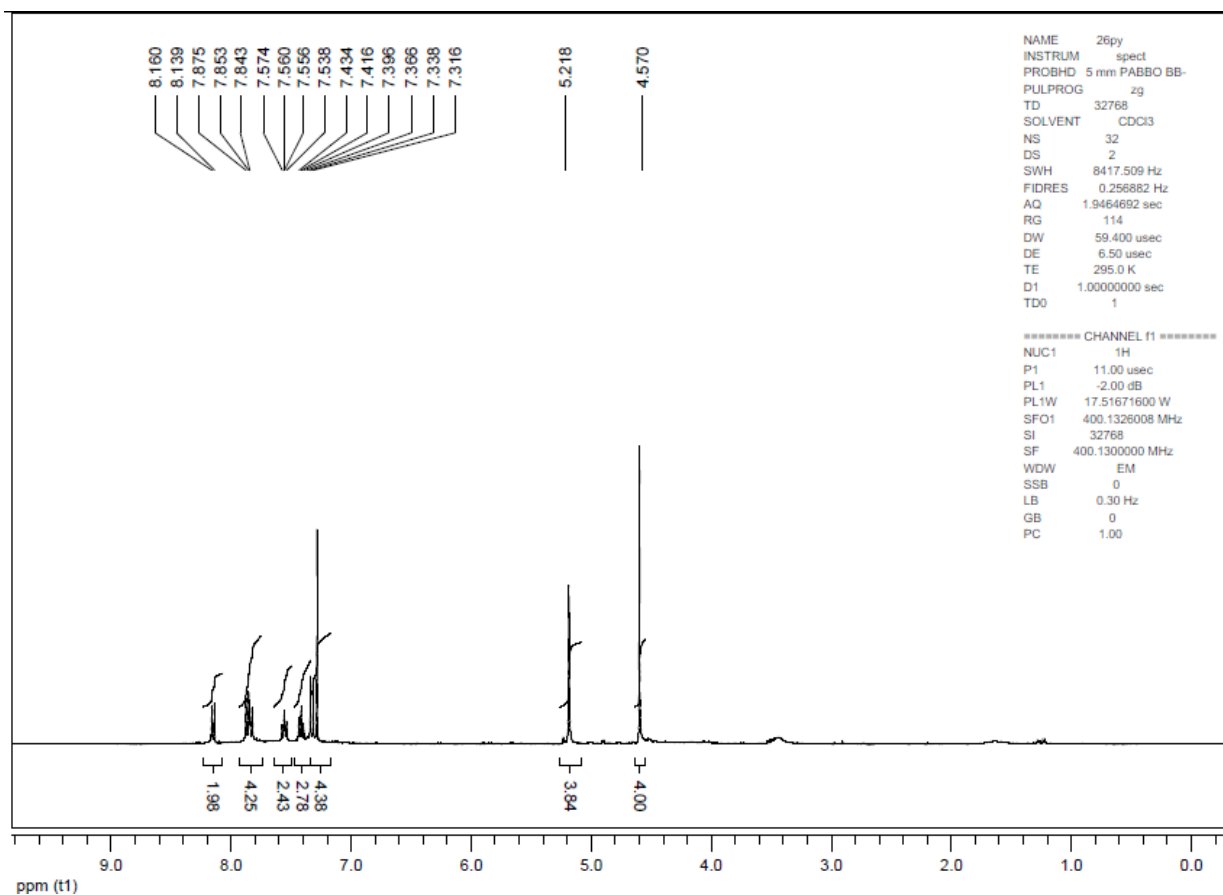


New Journal of Chemistry
Electronic supplementary information (ESI)

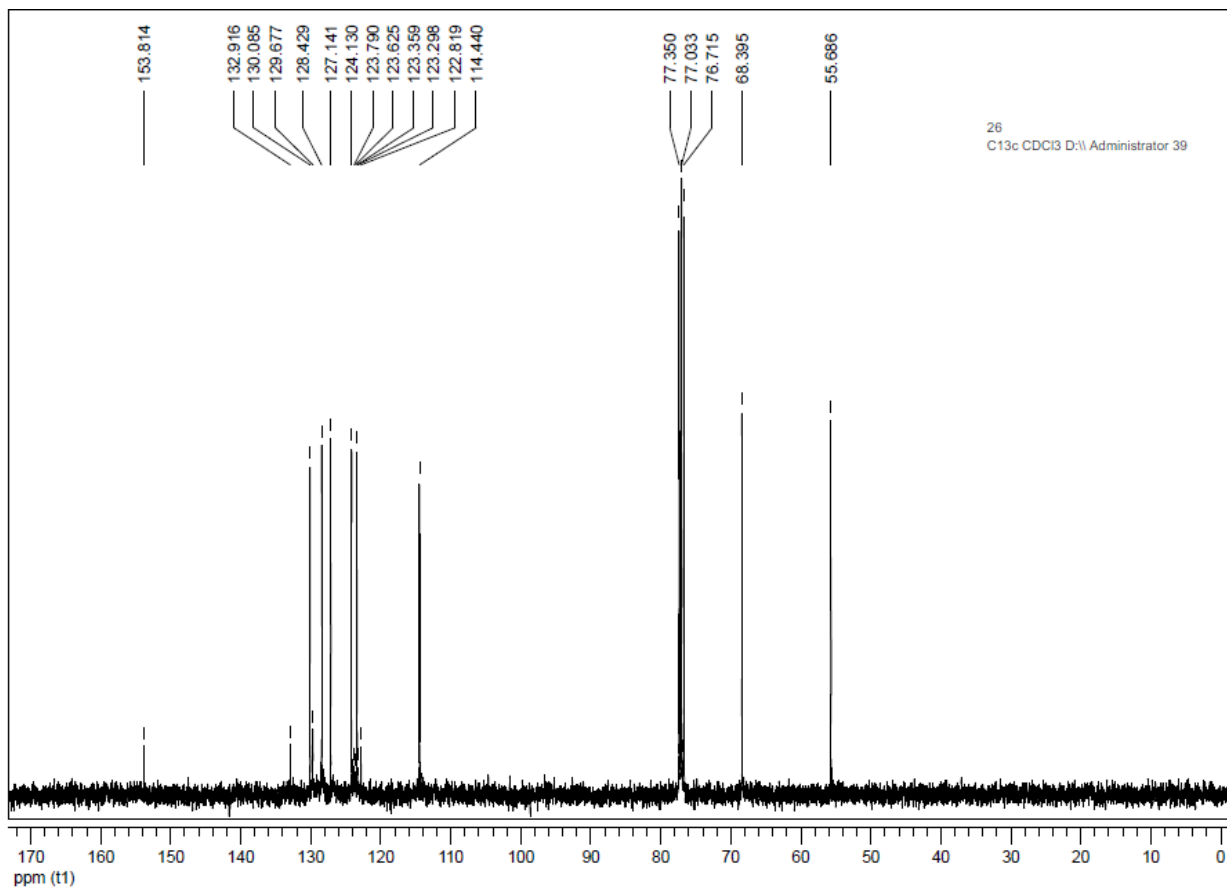
Fluorescent organic nanoparticles with enhanced fluorescence by self-
aggregation and their application for detection Fe³⁺ ions

Reza Azadbakht*, Mohammad Hakimi, Javad Khanabadi

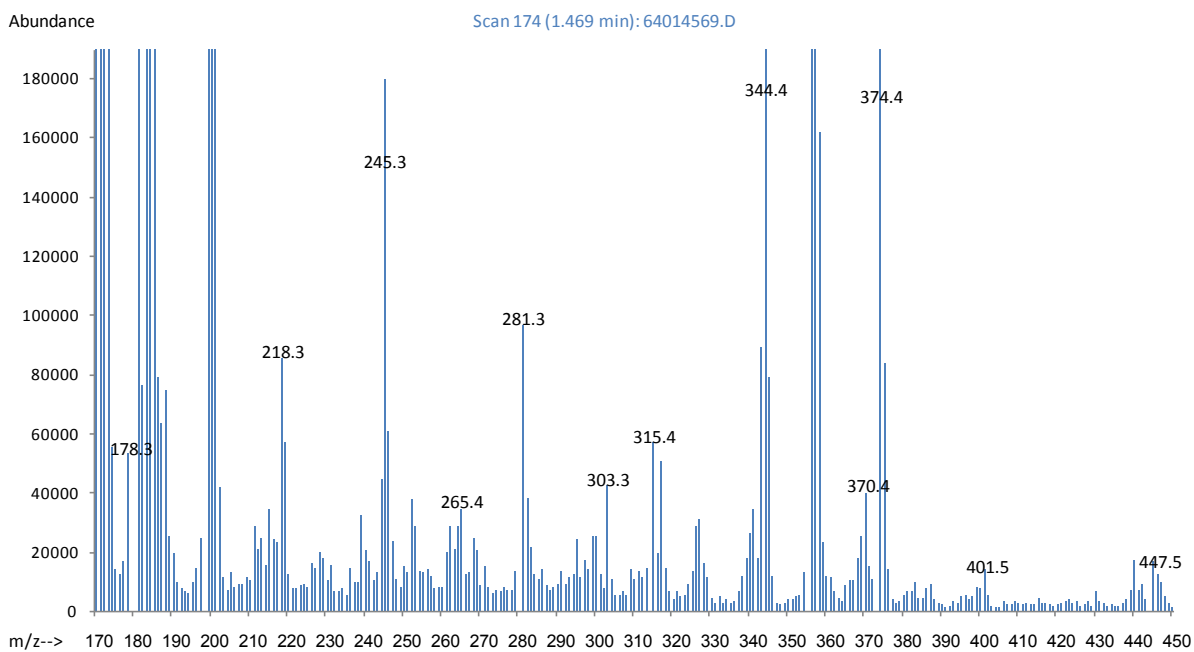
Department of Chemistry, Payame Noor University (PNU), Iran



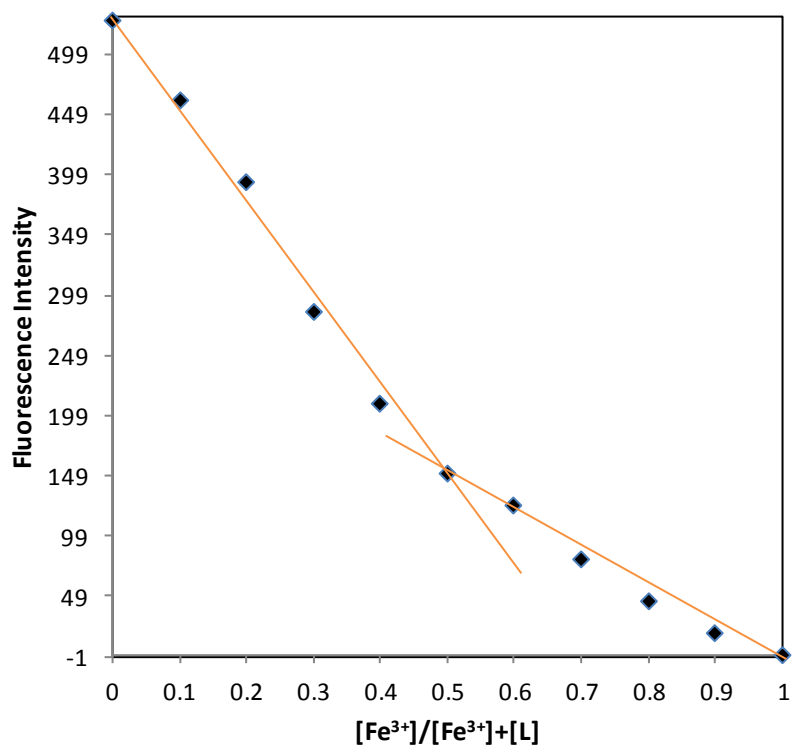
S1. ¹H NMR spectrum of L



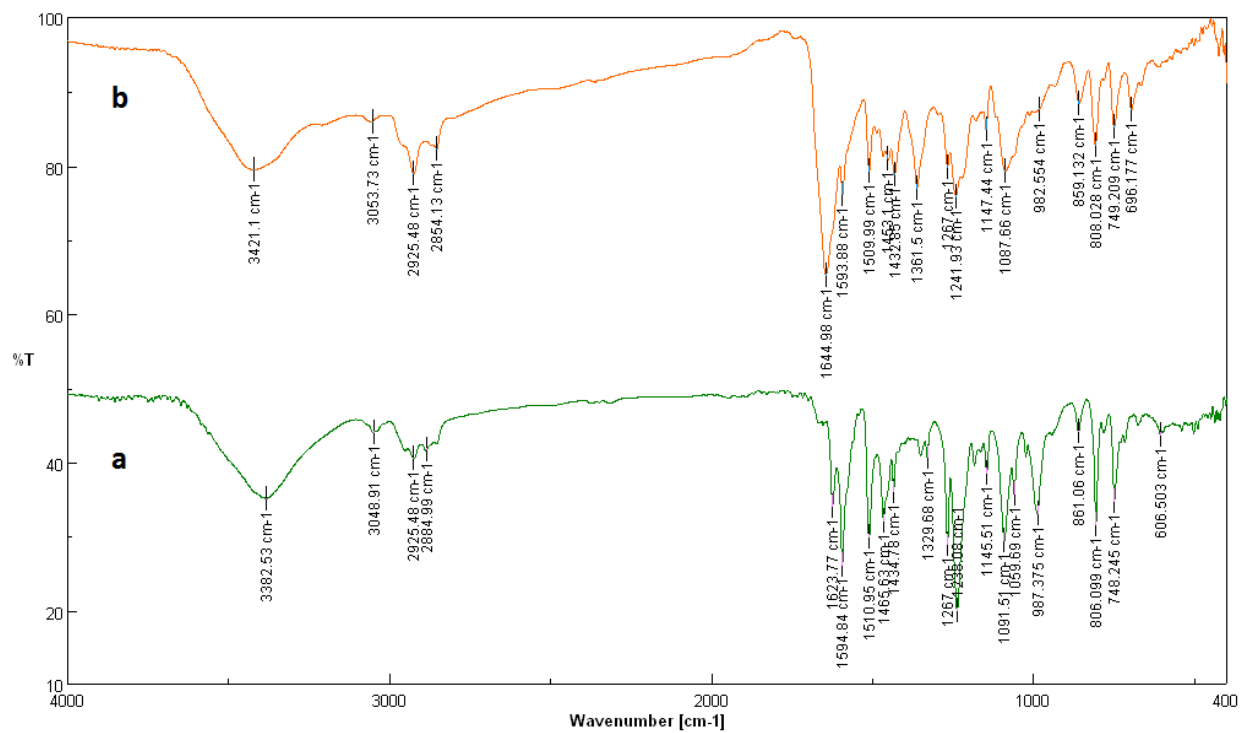
S2. ^{13}C NMR spectrum of L



S3. Mass spectrum of L



S4. Job's plot of L and Fe³⁺, which indicated that the stoichiometry of the Fe³⁺ - L complex is 1:1.



S5. IR spectra of (a) L, (b) L-Fe³⁺ complex.