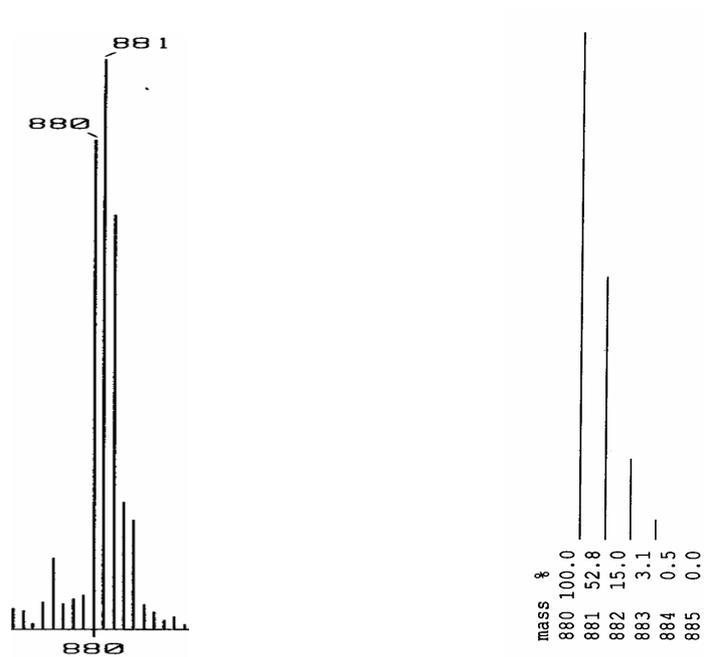


Supplementary material.

Figure S1. FAB⁺ mass spectrum



MnGGH *experiment*

MnGGH *simulated*

Figure S2. ¹H MNR spectrum of high-spin MnGGH in d⁶-DMSO

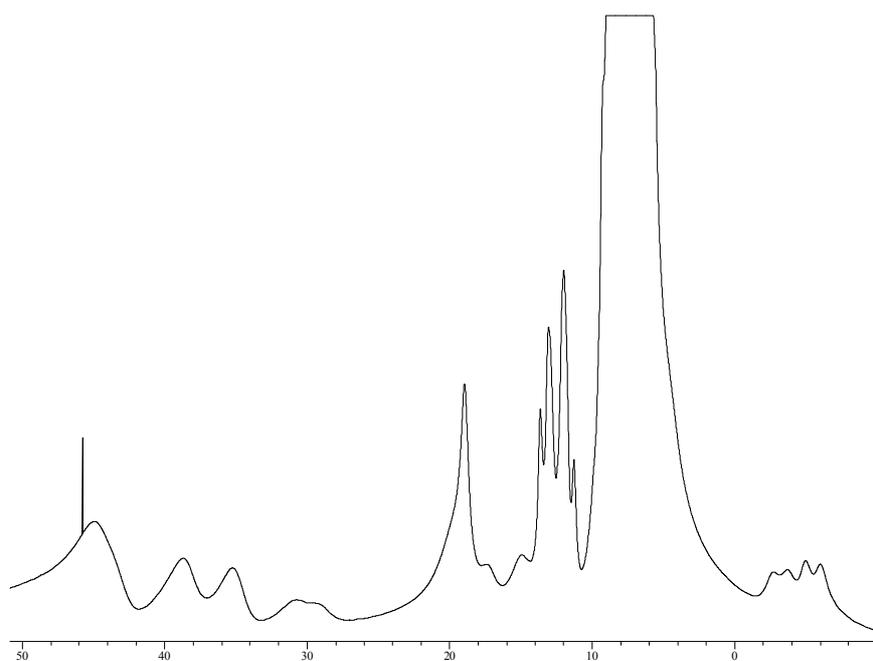


Figure S3. Changes in absorption spectra of Mn(III) porphyrin IX (1.8 μM) after addition of H_2O_2 (0.16 mM), 0.01 M Na_2CO_3 , pH 10.75.

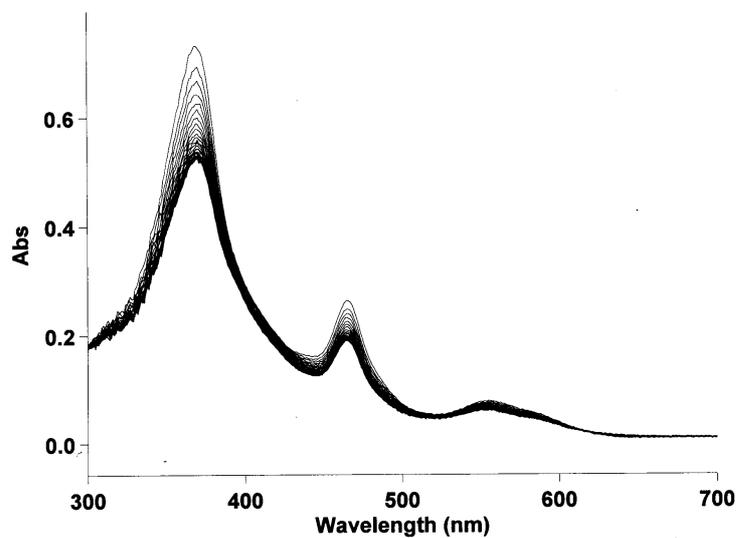


Figure S4. Primary double reciprocal plots for oxidation of L-tyrosine methyl ester vs $[\text{L-tyr-OMe}]$ at different H_2O_2 concentration and secondary plot of y -axis intercept of the primary plots vs $1/[\text{H}_2\text{O}_2]$.

