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Supplementary Information

Kinetics and Mechanism of Oxidation of Glycine and Alanine by Oxone® Catalyzed by Bromide Ion

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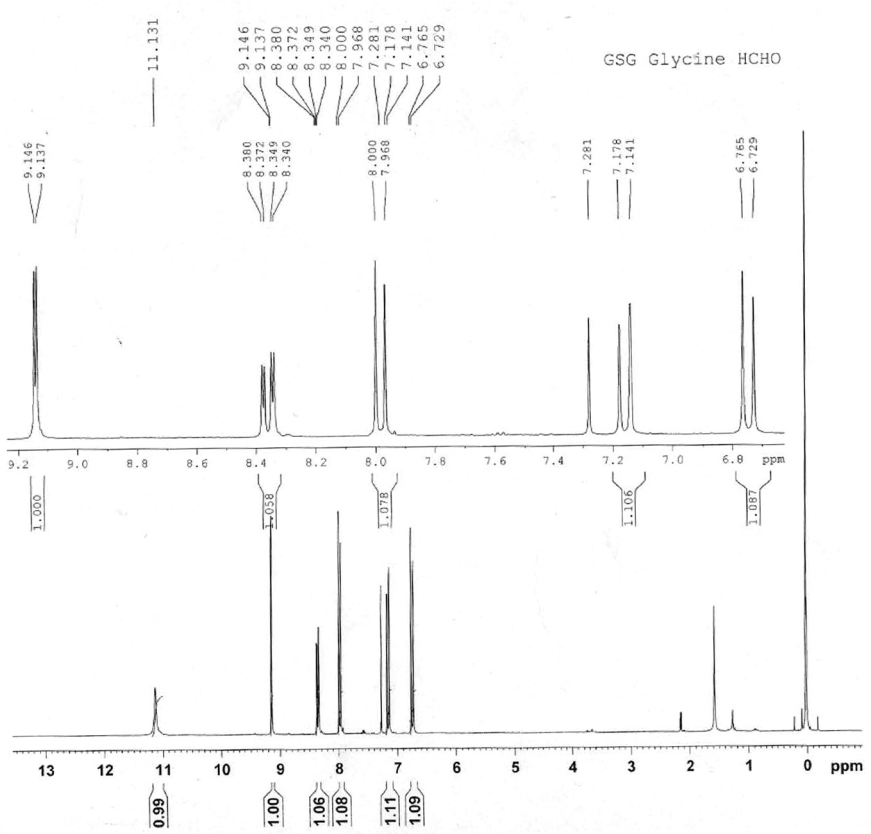

Figure S1. Proton NMR ($CDCl_3$, 300 MHz) of the 2,4-DNP derivative of formaldehyde. (Product of oxidation of Glycine by Oxone® catalyzed by bromide).

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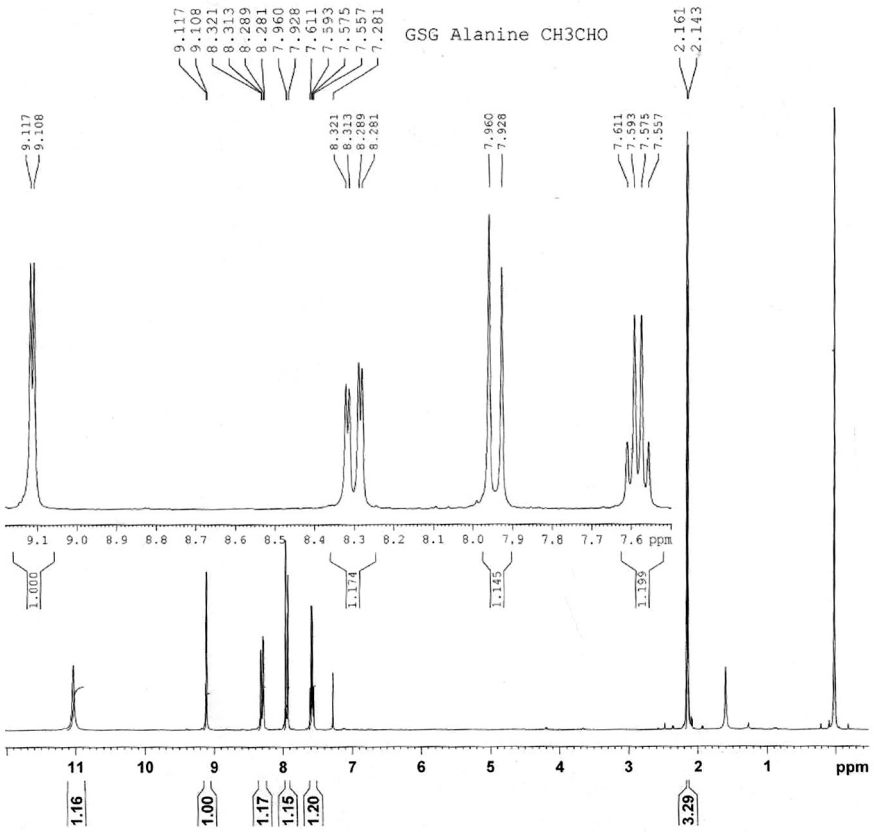

Figure S2. Proton NMR ($CDCl_3$, 300 MHz) of the 2,4-DNP derivative of acetaldehyde. (Product of oxidation of Alanine by Oxone® catalyzed by bromide).

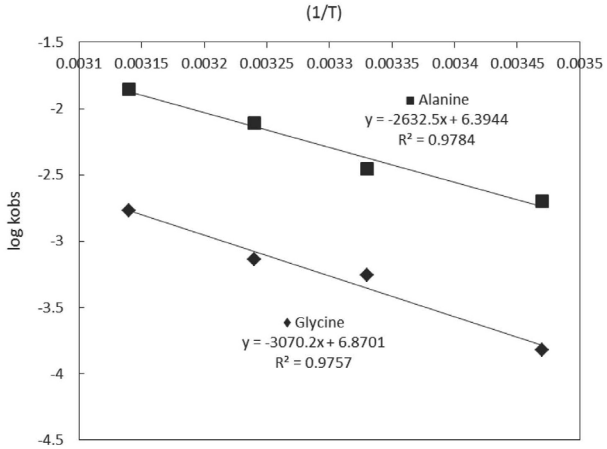

Figure S3. Plot of log k_{obs} against (1/T) for calculation of activation energy for oxidation of glycine and alanine by Oxone® catalyzed by bromide (conditions as in Table 3).

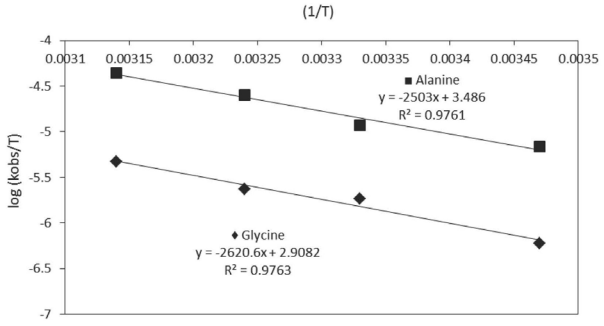

Figure S4. Plot of log (k_{obs}/ T) against (1/T) for calculation of activation enthalpy for oxidation of glycine and alanine by Oxone® catalyzed by bromide (conditions as in Table 3).