

Electronic Supplementary Information

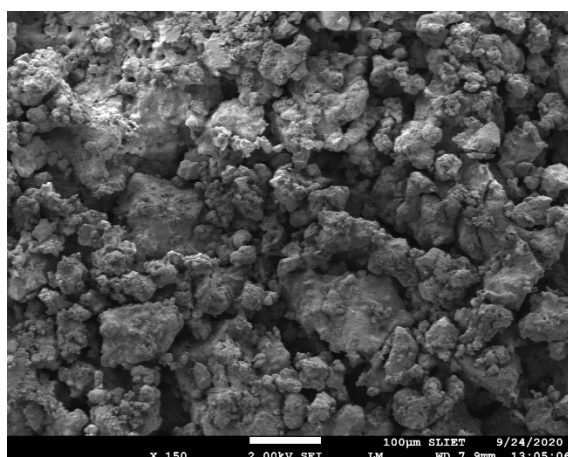


Fig S1: SEM image of  $\beta$ -NAC

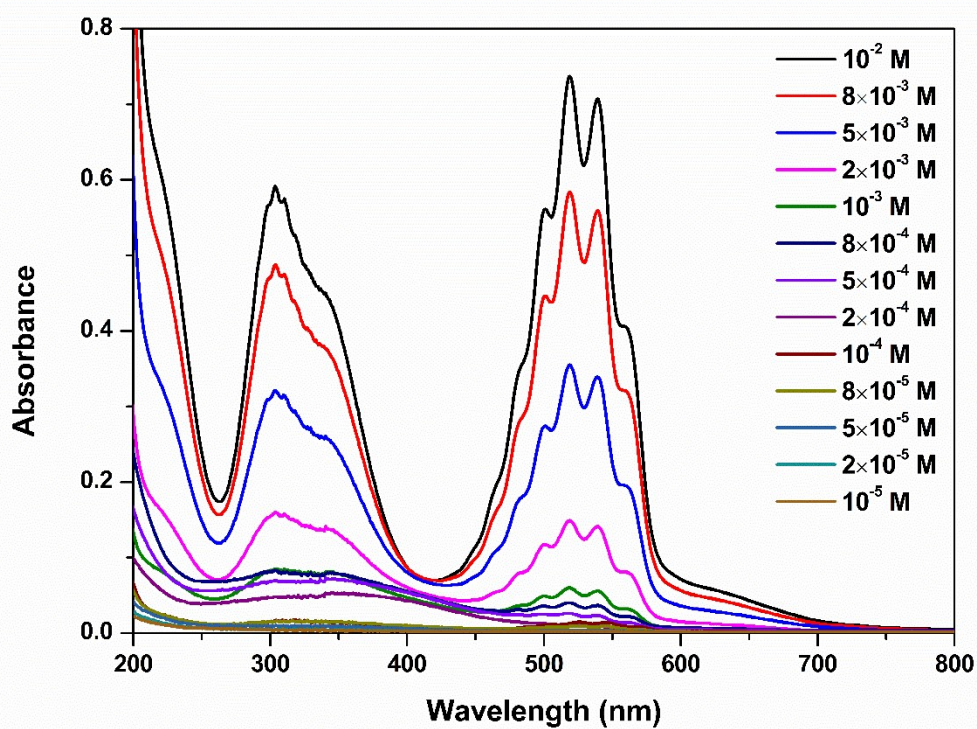


Fig S2: Absorption spectra of  $\text{KMnO}_4$  ( $10^{-2}$ - $10^{-5}$  M)

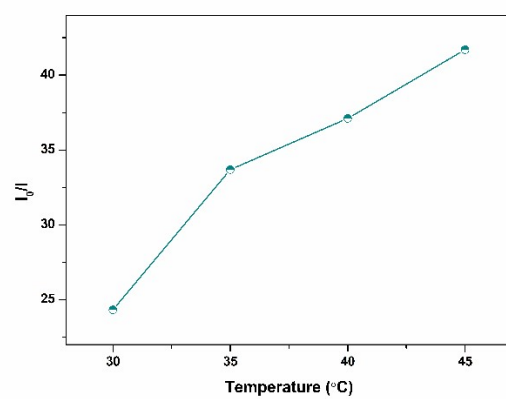


Fig S3: Temperature effect on fluorescence quenching of  $\beta$ -NAC