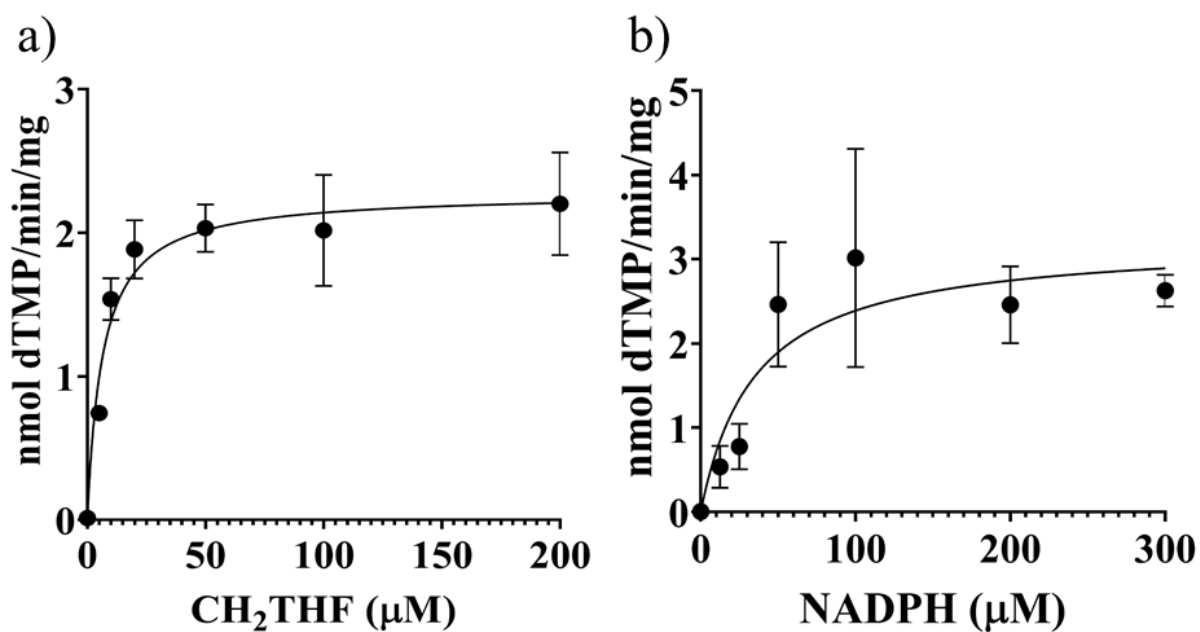**FIG S5**

Fig. S5. Substrate saturation experiments of methylenetetrahydrofolate and NADPH, were performed using tritium release assay. Curve fitting and derivation of K_m and V_{max} were done using the Michelis-Menten equation with the help of GraphPad Prism software. The concentrations at which these co-substrates NADPH and methylenetetrahydrofolate support half maximal velocity (K_m) are 35.22 and 6 µM respectively.