Figure S1. Product inhibition assays for MtOPRT catalyzed reaction, in presence of varied OMP concentrations. When varying PRPP (25-400 µM) and the product OMP (12-25 µM) at saturating concentration of OA (50 µM – upper right graph) or varying OMP (3-12 µM) at non-saturating concentration of OA (6 µM – upper left graph), mixed-type inhibitions were observed. For varying concentrations of substrate OA (6-75 µM) and product OMP (24-60 µM) in the presence of saturating concentration of PRPP (400 µM – lower right graph), a noncompetitive inhibition profile was obtained. On the other hand, for varying concentrations of substrate OA (6-75 µM) and product OMP (6-25 µM) in the presence of non-saturating concentration of PRPP (50 µM – lower left graph), a mixed-type inhibition was observed instead.