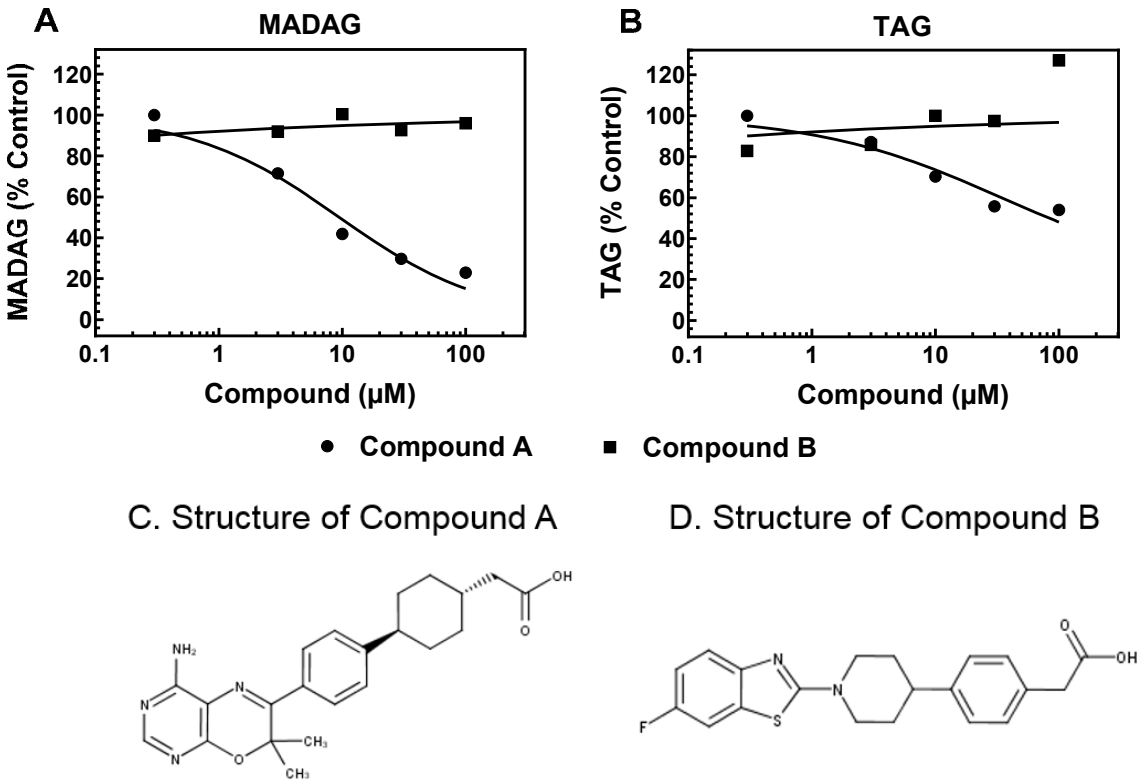
Supplement Figure 2: Concentration dependent effects of intracellular synthesis of MADAG and TAG in CHO-K1 cells by Compound A and B.



The lipid synthesis of CHO-K1 cells was analyzed in 6-well plates when cells were at ~90% confluence. The cells were incubated with 0.5 mM [^{14}C]-oleic acid for 1 hour in the absence or presence of a series of concentrations of Compound A or B. (A) Compound A and B concentration dependent effects of intracellular synthesis of MADAG in CHO-K1 cells. IC50 for Compound A was 9.5 μM. Compound B had no effect. (B) Compound A and B concentration dependent inhibition of intracellular synthesis of TAG in CHO-K1 cells. Compound A showed about 50% inhibition at 100 μM, while compound B had no effect. (C) Structure of Compound A. (D) Structure of Compound B.