



Figure S1. Cytotoxicity analysis of C-DIM12 in THP-1 cells. THP-1 cells were treated with C-DIM12 at varying concentrations (0.1, 1, 10 and 50 μ M) alongside untreated controls (Un) and positive controls Cadmium Chloride (CdCl₂) (100 μ M) and Etoposide (Etop) (100 μ M). At 24h MTT assay, Resazurin assay, RealTime Glo MT assay, CellTox Green assay were performed (A,B,C and D, respectively). At 4h and 24h caspase 3/7 activity assay was performed (E and F). Statistical analysis was performed using a one-way analysis of variance (ANOVA) with a Dunnett's post-hoc test, * < 0.00 , *** < 0.001 . A star (*) denotes significance compared to Un cells.