



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 μM) alongside untreated controls (Un) and positive controls Cadmium Chloride (CdCl₂) (100 μM) and Etoposide (Etop) (100 μM). 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.