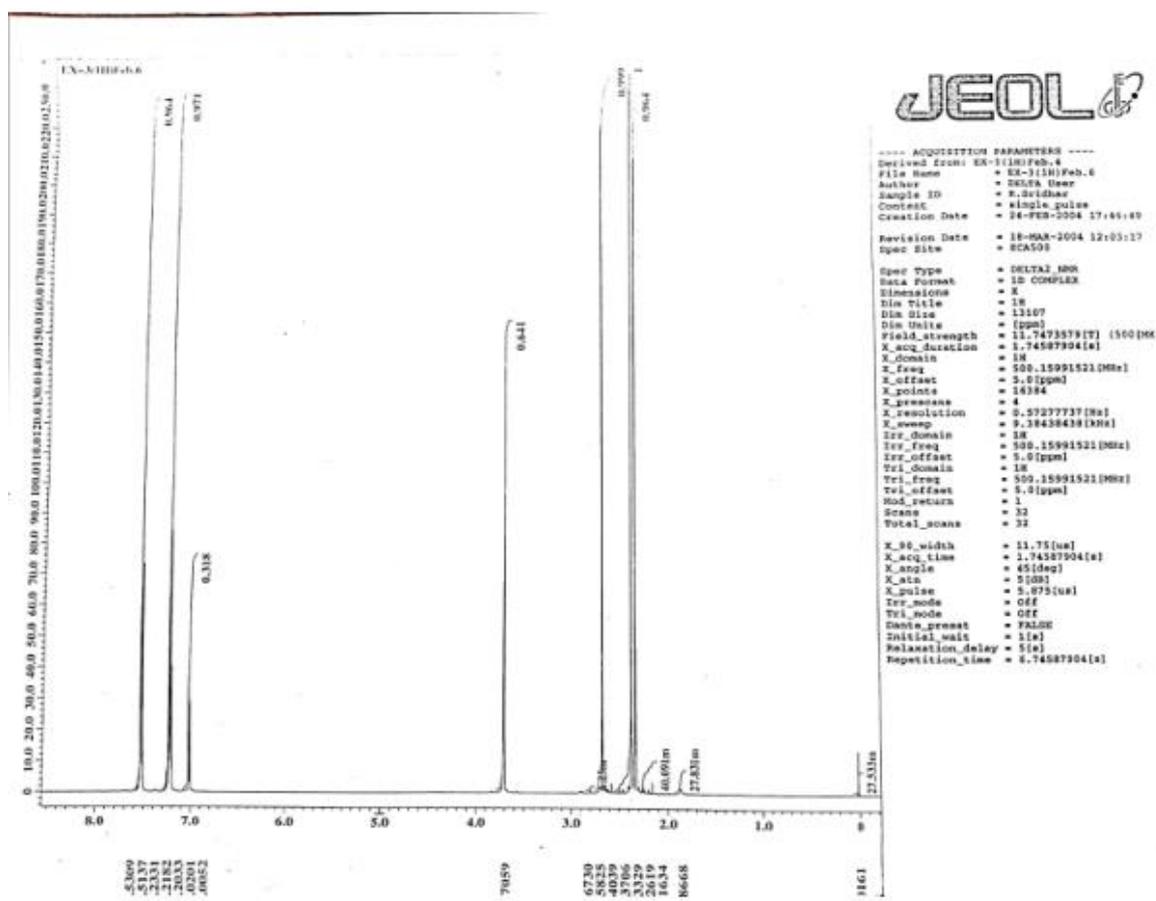
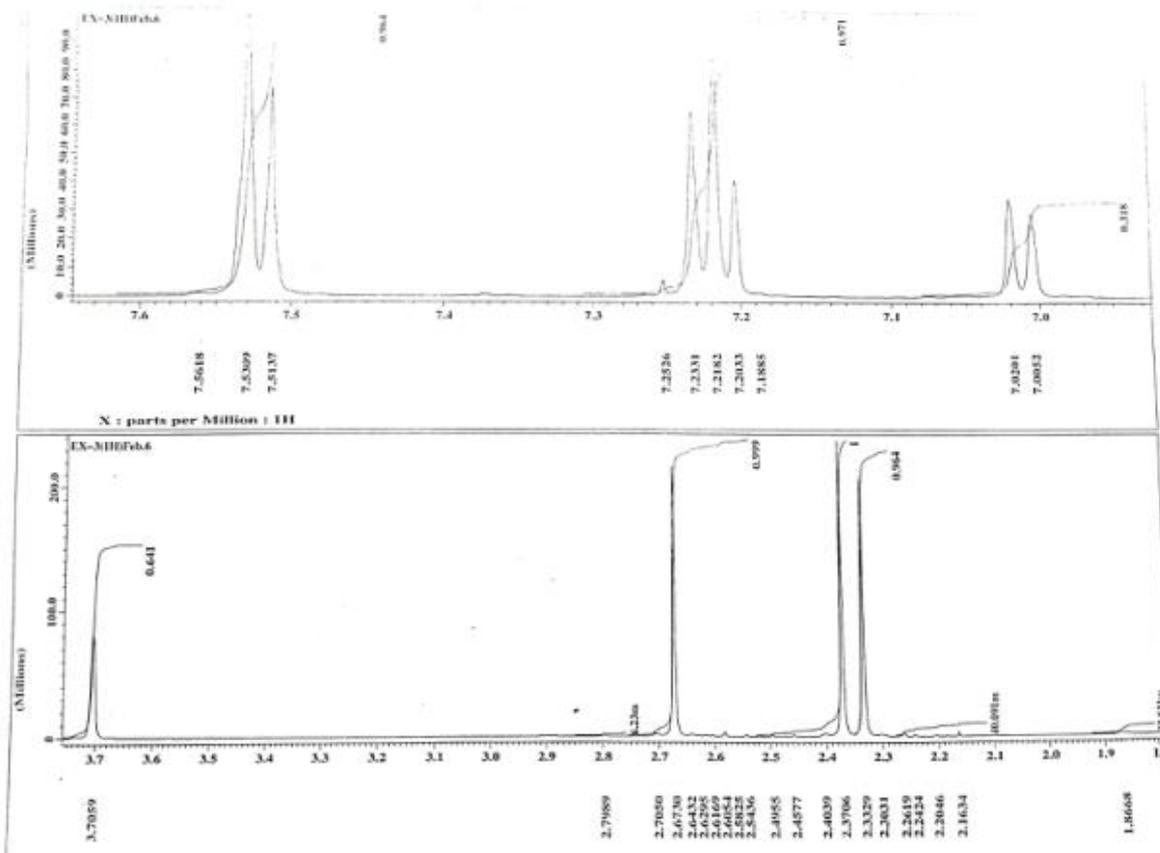


Reagents and Condition: i) Arenes (*p*-xylene), H₂SO₄, *ref.*, 1-2h.;
 ii) TFAA, Cl₂CH₂CH₂Cl, 50°C, 2h.

Figure S1. Schematic synthesis of IPX-18.





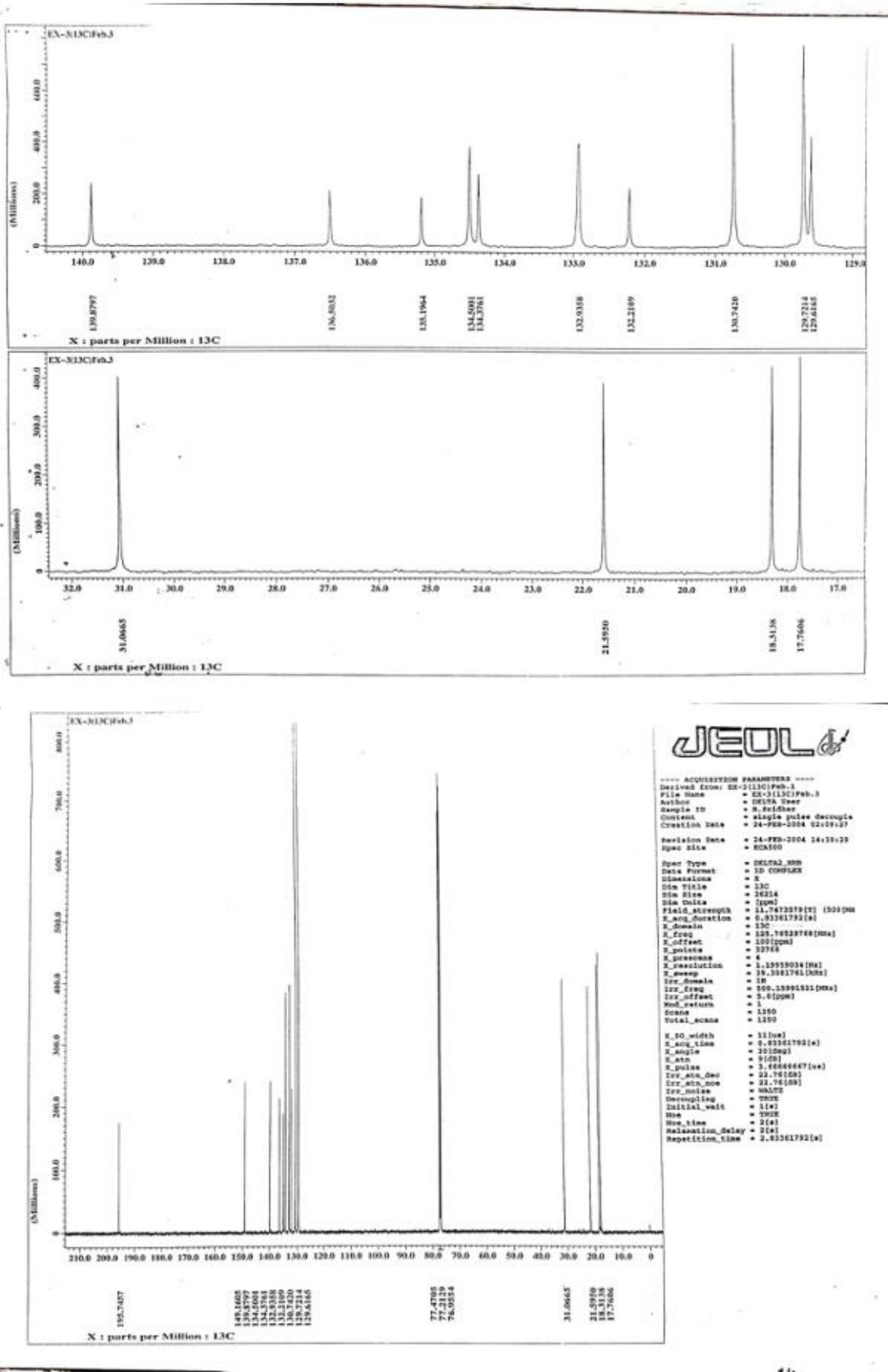


Figure S2. H NMR of IPX-18.

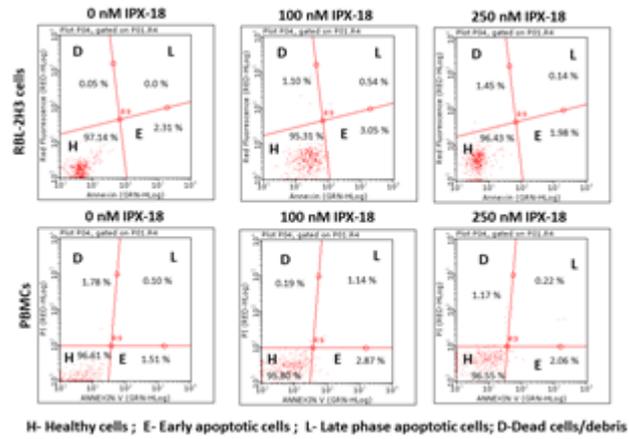


Figure S3. Representative graphs of the Annexin V assay in RBL-2H3 cells and PBMCs when treated with IPX-18 for 24 h. Results indicate no evidence of increment in the early or late apoptotic population in both cell types when treated with 100 nM or 250 nM IPX-18.



Supplementary
video 1.mp4

Video S1. Simulation trajectory video shows the binding stability of IPX frame-by-frame.