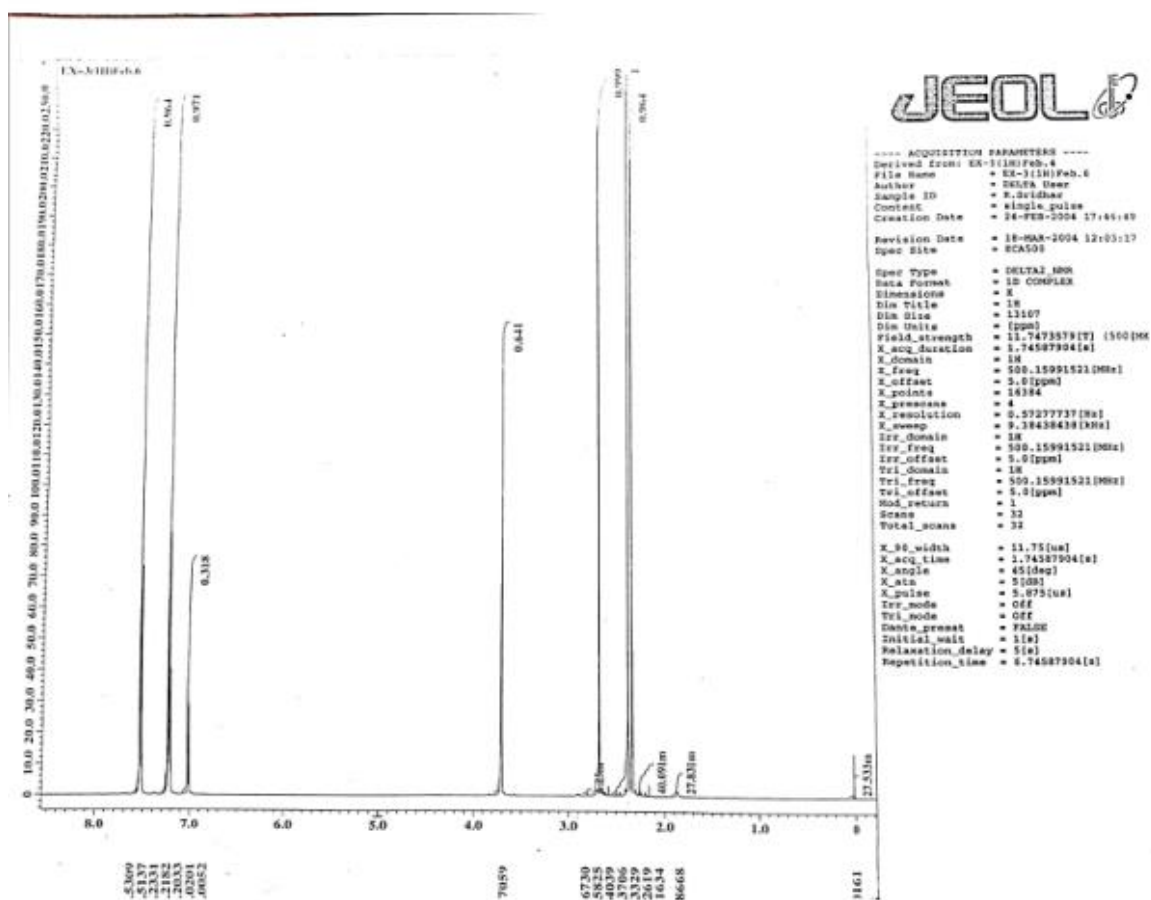
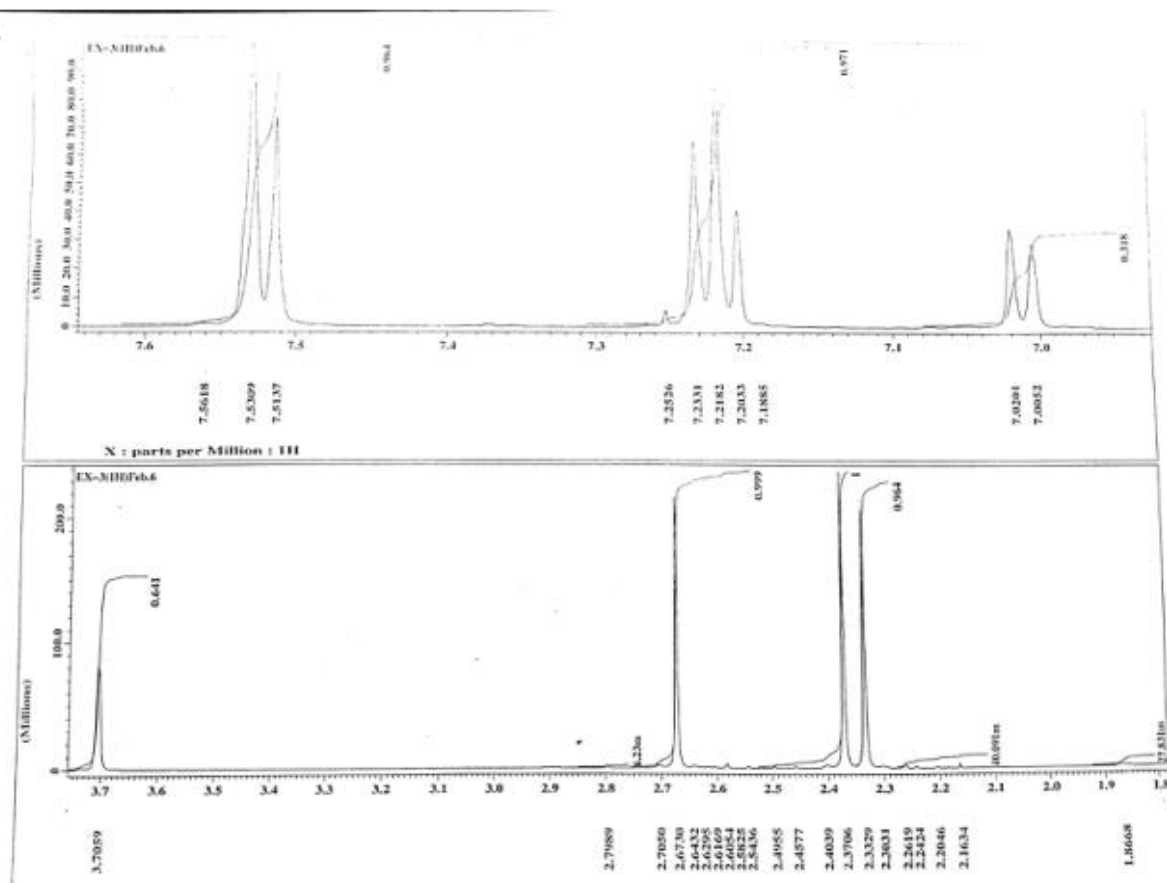


**Figure S1.** Schematic synthesis of IPX-18.





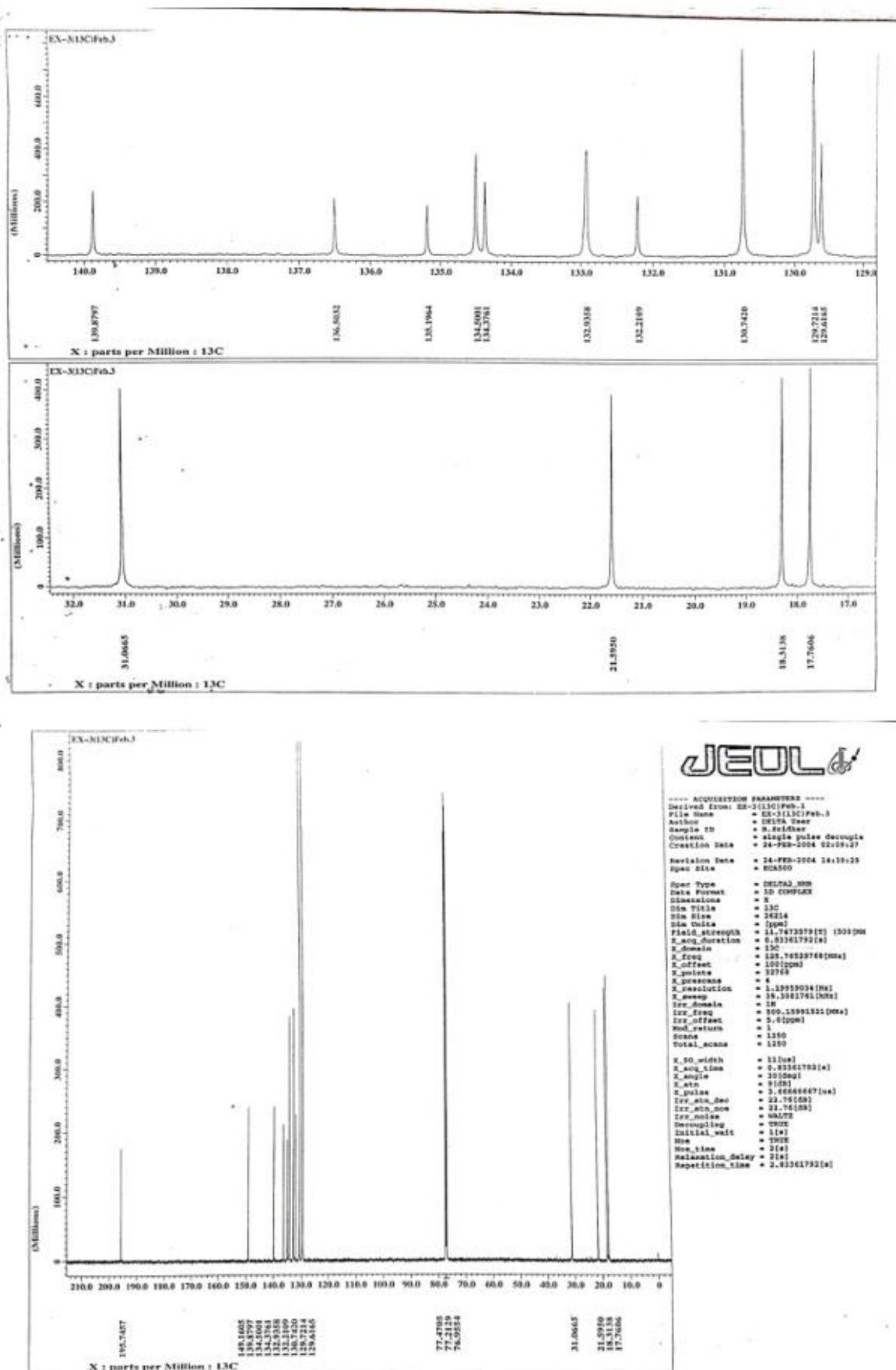
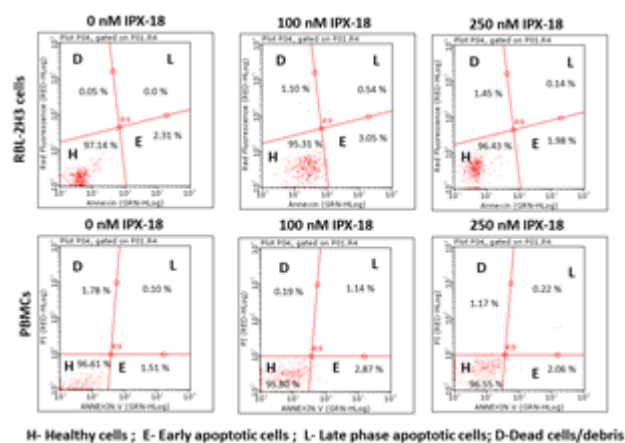


Figure S2.  $^1\text{H}$  NMR of IPX-18.



**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.