

Figure S1. IR spectrum of LDU-1

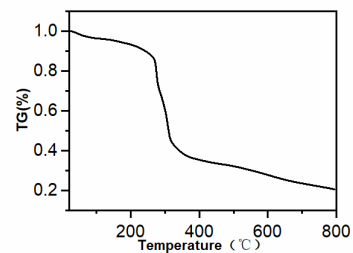


Figure S2. TG curve of LDU-1

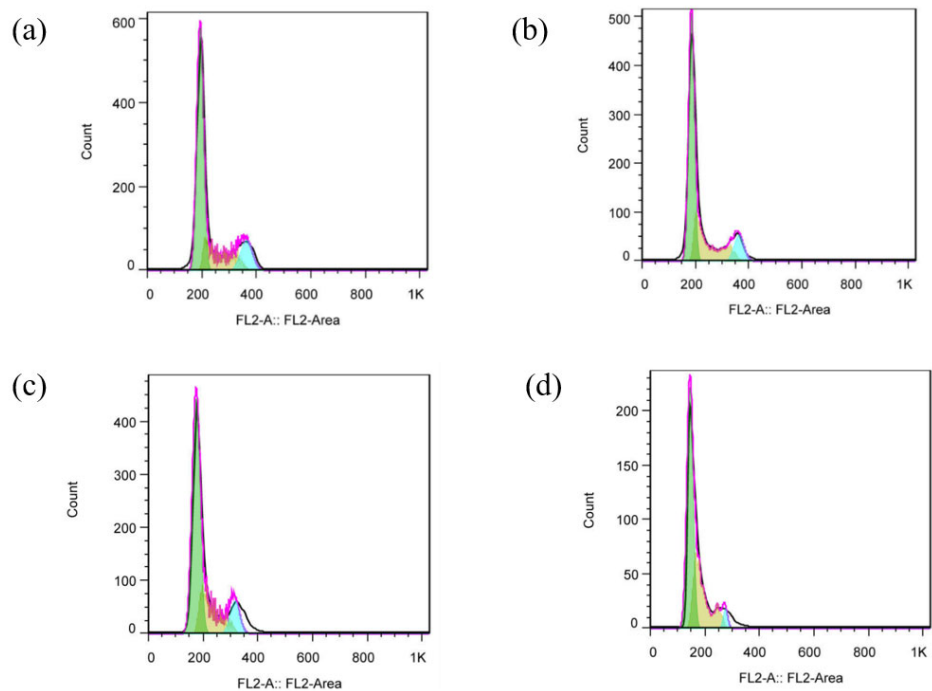


Figure S3. Cell cycle phase distribution of the A549 cells as measured by flow cytometry after treatment with PBS(a), cisplatin(b), H₂L(c) and LDU-1(d).

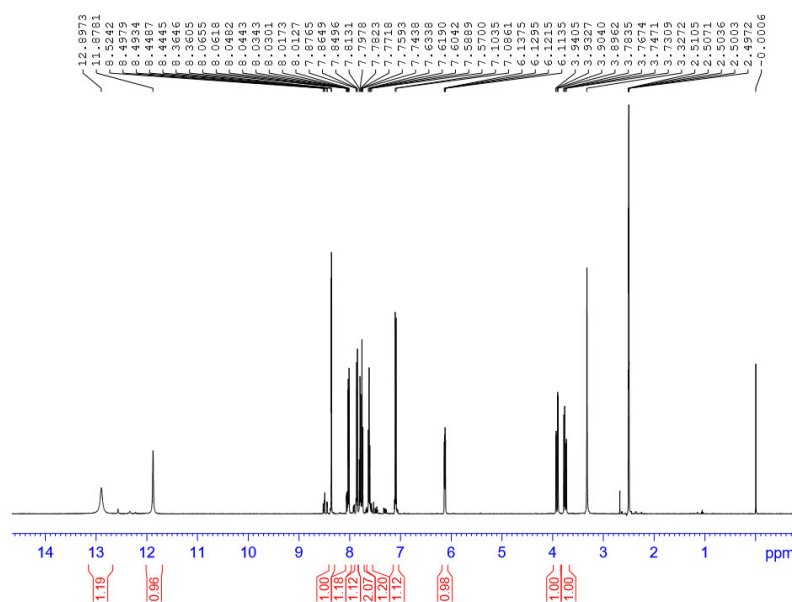


Figure S4. ¹H NMR of 2-hydroxychalcone-2,5'-carboxylic acid(2)

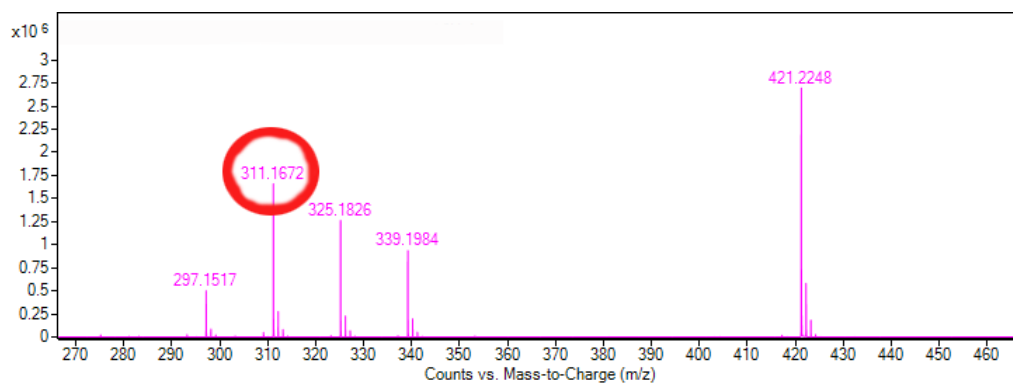


Figure S5. Mass spectrum of H₂L

