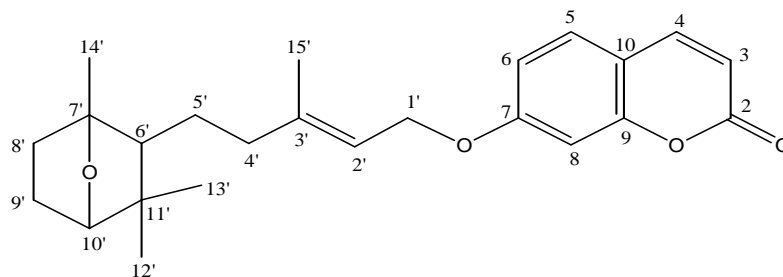


**Fig. S1 Spectral analyses data for isolated farnesiferol C.**



### Spectral data for isolated farnesiferol C

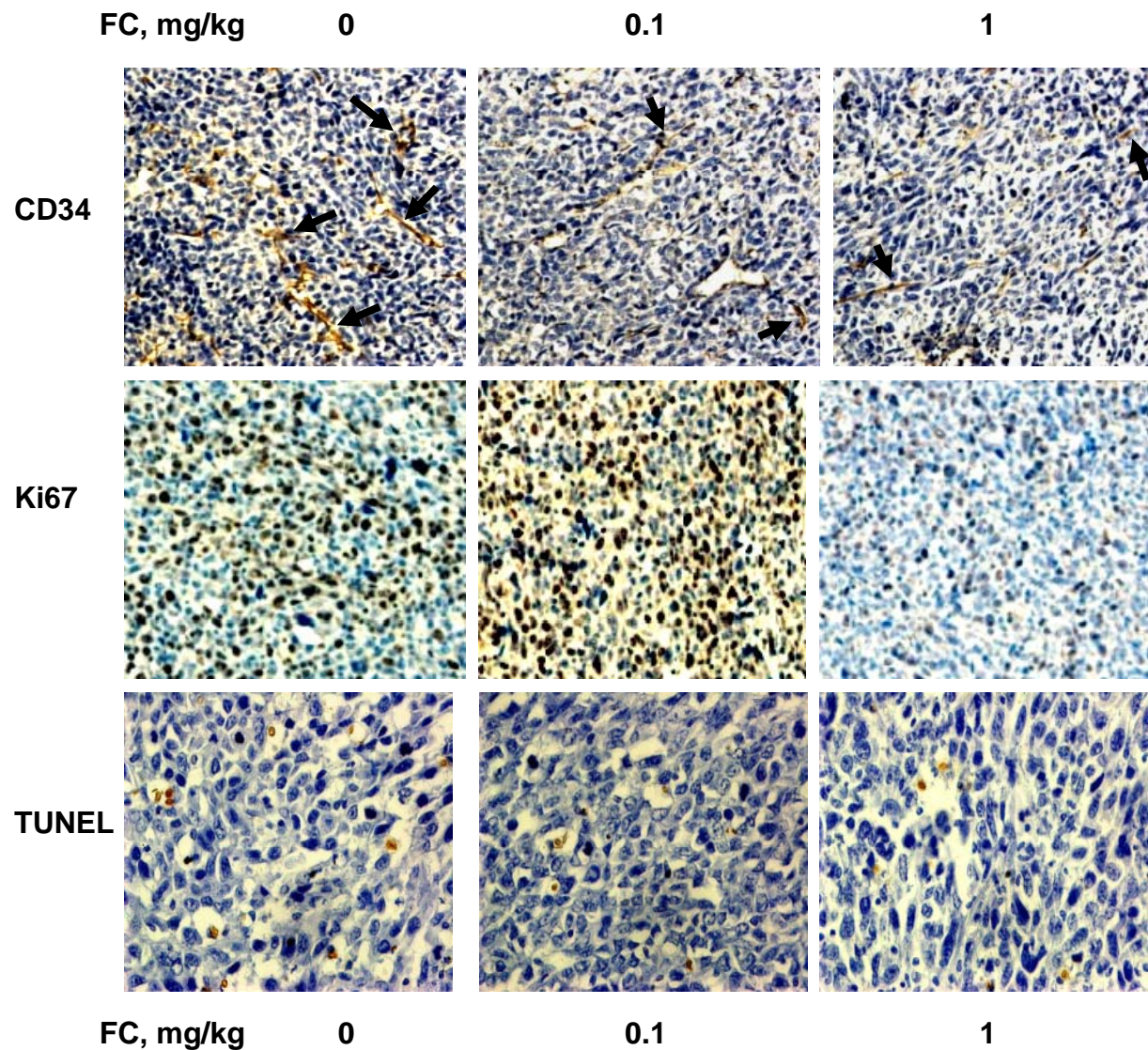
#### <sup>1</sup>H-NMR

7.63 (1H, d,  $J = 9.5$  Hz, H-4), 7.36 (1H, d,  $J = 8.5$  Hz, H-5), 6.85 (1H, dd,  $J = 8.5, 2.0$  Hz H-6), 6.82 (1H, d,  $J = 2.0$  Hz, H-8), 6.24 (1H, d,  $J = 9.5$  Hz, H-3), 5.46 (1H, dd,  $J = 6.5, 1.0$  Hz, H-2'), 4.60 (2H, d,  $J = 6.5$  Hz, H-1'), 3.39 (1H, d,  $J = 5.3$  Hz, H-10'), 2.03 (2H, m, H-4'), 1.86 (1H, m), 1.76 (3H, s, H-15'), 1.71 (1H, m), 1.45 (4H, m), 1.33 (3H, s, H-14'), 1.17 (1H, m), 10.4 (3H, s, H-12'), 1.02 (3H, s, H-13')

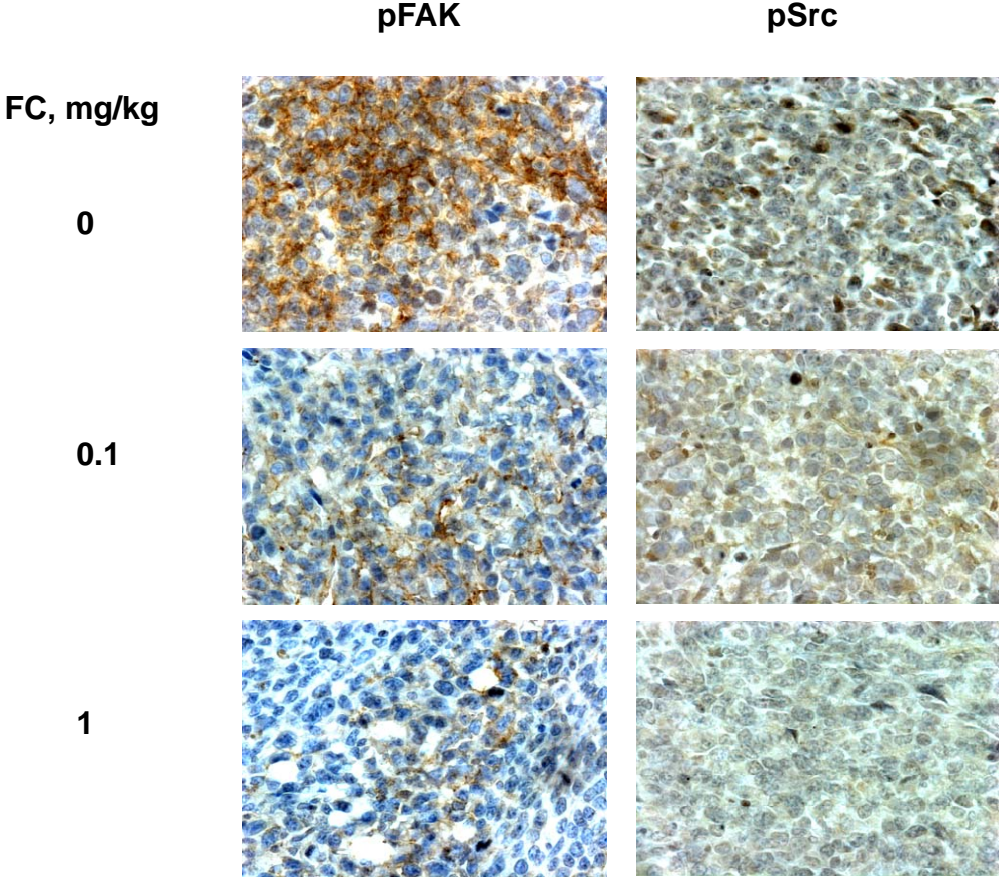
#### <sup>13</sup>C-NMR

161.7 (C-2), 160.9 (C-7), 155.5 (C-9), 143.2 (C-4), 142.2 (C-3'), 128.5 (C-5), 118.3 (C-2'), 112.8 (C-6), 112.6 (C-3), 112.1 (C-10), 101.3 (C-8), 86.3 (C-10'), 85.7 (C-7'), 65.1 (C-1'), 54.9 (C-6'), 44.9 (C-11'), 39.3 (C-4'), 38.6 (C-8'), 25.7 (C-12'), 25.5 (C-5'), 25.4 (C-9'), 23.1 (C-13'), 18.6 (C-14'), 16.5 (C-15')

**Fig. S2** Representative examples of immunohistochemical staining for CD34, Ki-67 and TUNEL from LLC allograft tumors from mice treated with vehicle or FC for 12 days. .



**Fig. S3 Representative immunohistochemical staining of pFAK and pSrc in LLC tumor sections from mice treated with vehicle or FC for 12 days.**



**Fig. S4** Comparison of crystal structures of Src tyrosine kinase (Src) and FAK. A. Aligned secondary structures of active/inactive Src tyrosine kinase and FAK. Crystal ligands in each structure are displayed in ball-and-stick. B. Vertically sectioned Connolly surfaces of the aligned crystal structures. C and D. Zoomed-in view of the binding site surfaces with the docked conformations of FC onto active Src (C) and FAK (D), respectively. Secondary structures and protein surfaces are colored in cyan for active Src (PDB ID: 1Y57), blue for inactive Src (PDB ID: 2H8H) and green for the kinase domain of FAK (PDB ID: 2IJM), respectively. Docked conformations of FC into the active Src tyrosine kinase and FAK are displayed in ball-and-stick and their carbon colors are magenta/purple in SrcTK and orange/white in FAK as in Fig. 5.

