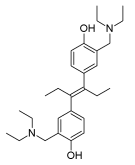
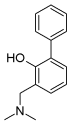
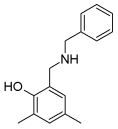
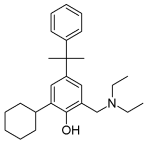
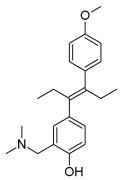
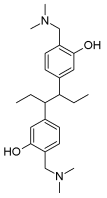
SUPPLEMENTARY DATA

Compound Name	NSC #	Structure	MW[a]	% Growth Inhibition
G6	33994		438.652	100.00
D21	10618		227.3054	-5.00
D23	47911		241.3322	-1.80
D25	13109		379.5844	-0.61
D28	27647		339.4766	124.16
D30	600567		384.5606	108.32

[a]Molecular Weight

Table S1. Percent growth inhibition of G6 and its derivatives. G6 and its derivatives are shown along with their NSC #, chemical structure, molecular weight and % growth inhibition. Inhibition by G6 was arbitrarily set at 100% and the inhibition potential of the other compounds relative to G6 was evaluated using the relation 1.00 - (Δ drug / Δ vehicle control).

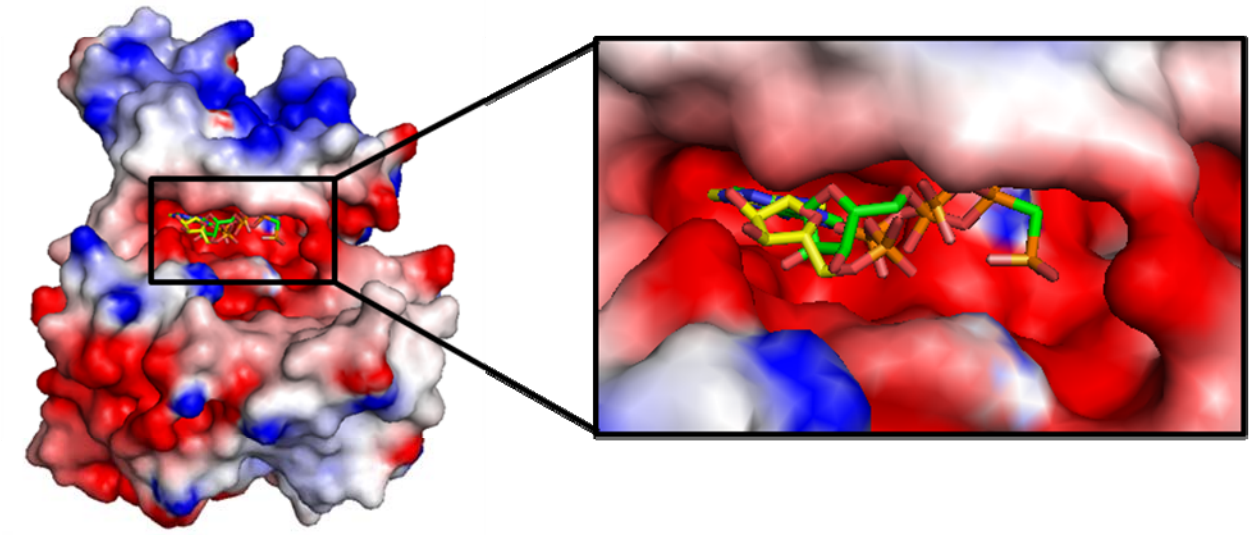


Figure S1. Molecular surface representation of the ATP binding site of Jak2. Molecular surface representation of Jak2 in complex with ATP and its analog ACP, shown here as stick models. ATP is colored yellow and ACP is green.