Supplementary figure legends:

Figure S1: Chemical structures of compounds

Figure S2:(A) Cells were treated with the indicated concentration of VN/12-1 for the indicated times, lysates were prepared and probed for Beclin-1 protein expression. **(B)** VN/12-1 induces autophagy markers in MCF-7 cells. MCF-7 Cells were treated with indicated concentrations of VN/12-1 for 24 h, whole cell lysates were tested for LC3B, p-p70S6K and p-Akt. β-actin ,total Akt and total p70S6K were used as control. **(C)** Synchronized SKBR-3 cells were treated with indicated concentrations of VN/12-1 and/or CHL. DNA content was analyzed in the cells by flow cytometry using propidium iodide. % increase in G0/G1 population of cells compared to vehicle control is shown. ** $p< 0.01$. **(D-E)** D- VN/12-1+ CHL; E- VN/12-1 + 3-MA. Normalized isobolograms are derived from MTT data analyzed using the median-effect principle of Chou and Talalay (Calcusyn). The diagonal lines represent lines of additivity. Signs indicate paired values of drug concentrations assessed for synergism at ED50 (Red), ED75 (Green), ED90 (Blue). **(F)** SKBR-3 cells were transfected with two different siRNAs (si-Beclin-1 and si-scrambled) (0.1 μg) specific for Beclin-1 transcript or with non- silencing control siRNA (0.1 μg); 72 hours later, cells lysates were collected and Beclin-1 and β-actin expressions were determined.