**Supplementary materials**
**For**
**Sotetsuflavone Induces Autophagy in Non-small Cell Lung Cancer Cells through Blocking PI3K/Akt/mTOR Signaling Pathway in Vivo and in Vitro**

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**Figure Legend for Supplementary Data**

**Supplementary Figure 1.** Sotetsuflavone activate autophagy flux in NSCLC A549 cells.

**Supplementary Figure 2.** Inhibitors CQ and LY294002 can enhance the inhibition of sotetsuflavone on the proliferation of non-small cell lung cancer A549 cells.



**FIGURE S1** Sotetsuflavone activate autophagy flux in NSCLC A549 cells. A549 cells were treated with 128 μmol/L sotetsuflavone and with or without 10 μM CQ for 24 hours. LC3 spots and nuclei were observed under a confocal microscope. Scale bar: 5μm.



**FIGURE S2** Inhibitors CQ and LY294002 can enhance the inhibition of sotetsuflavone on the proliferation of non-small cell lung cancer A549 cells. A549 cells were treated with 128 μmol/L sotetsuflavone and with or without 10 μM CQ or 20 μM LY294002 respectively for 24 hours. And the cell viability was measured by MTT assay.