Supporting Information

Herbacetin, A Constituent of Ephedrae herba, Suppresses the HGF-Induced Motility of Human Breast Cancer MDA-MB-231 Cells by Inhibiting c-Met and Akt Phosphorylation

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Supplemental Figure 1S

A.

![Bar graph showing migrated cells per well](image)

- **50 ng/mL HGF**
  - +
  - +
- **5 μM SU11274**
  - -
  - +

B.

![Western blot images](image)

- pMet
  - +
  - +
- Met
  - +
  - +
- GAPDH
  - +
  - +

50 ng/mL HGF
- +
- +

5 μM SU11274
- -
- +
Supplemental Fig. 1S Effects of the Met inhibitor, SU11274, on HGF-induced motility and phosphorylation of c-Met. (A) MDA-MB-231 cells (5 × 10^4 cells) were suspended in 100 μL DMEM with or without 5 μM SU11274 and poured into the upper well of the transwell. The lower well contained 600 μL DMEM with 50 ng/mL HGF. At 20 h, the number of cells migrating into the lower well was quantified. Each assay was performed in triplicate; error bars represent the standard deviation. Statistical significance was determined with a t-test, using GraphPad Prism 5J. * P < 0.01. (B) Cells (2 × 10^6) were incubated in 4 mL DMEM containing 50 ng/mL HGF with or without 5 μM SU11274 for 15 min at 37°C. Phosphorylation of c-Met was determined by western blotting.