

**Supplemental Figure 1 Dose-response curves of TGF-beta signal pathway inhibitor-1 in Hep3B, Huh7 and HCCLM3 cells.** With the aim to explore the possible mechanism of interleukin-17A regulated the expression of programmed cell death ligand-1, blocking experiments were performed. Cell viability inhibitory concentrations (IC50 values) were generated using CCK8 assay. Dose-response curves were acquired from GraphPad prism software to estimate IC50 value of the inhibitors. ITD: TGF-beta signal pathway inhibitor.