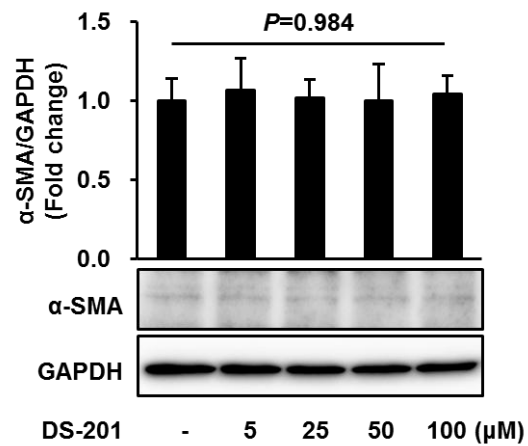
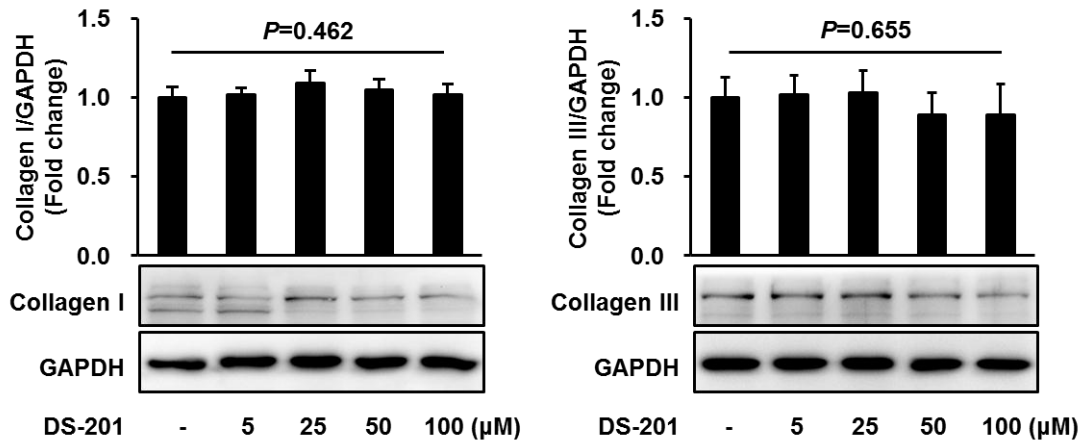


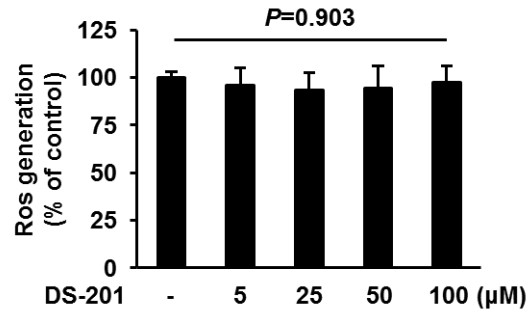
Supplementary Figures:



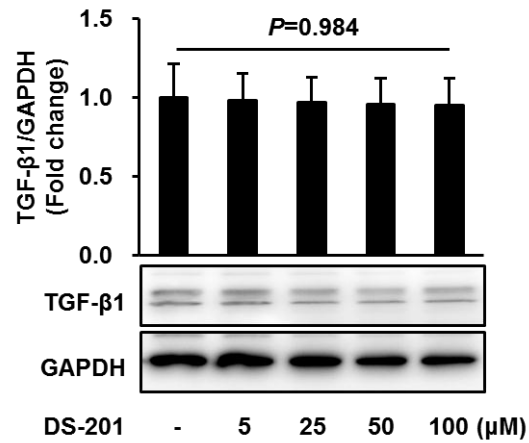
Supplementary Figure 1: The effects of DS-201 on α -SMA expression. Atrial fibroblasts were exposed to DS-201 (0, 5, 25, 50 and 100 μ M) for 24 h. Expression of α -SMA was analyzed by western blotting and representative images of 3 independent experiments are shown. The ratio of α -SMA normalized to GAPDH was calculated. Data shown are mean values \pm SD and are expressed as fold changes.



Supplementary Figure 2: The effects of DS-201 on collagen I and collagen III expression. Atrial fibroblasts were exposed to DS-201 (0, 5, 25, 50 and 100 μM) for 24 h. Expression of collagen I and collagen III was analyzed by western blotting and representative images of 3 independent experiments are shown. The ratio of collagen I and collagen III normalized to GAPDH was calculated. Data shown are mean values ± SD and are expressed as fold changes.



Supplementary Figure 3: The effects of DS-201 on ROS generation. Atrial fibroblasts were exposed DS-201 (0, 5, 25, 50 and 100 μM) for 1 h. Then cells were stained with DCFH-DA. The fluorescence intensity of DCF was measured at 488/525 nm using a microplate reader. Data shown are mean ± SD for 3 independent experiments and presented as % of the control value (first bar).



Supplementary Figure 4: The effects of DS-201 on TGF-β1 expression. Atrial fibroblasts were exposed to DS-201 (0, 5, 25, 50 and 100 μM) for 24 h. Expression of TGF-β1 was analyzed by western blotting and representative images of 3 independent experiments are shown. The ratio of TGF-β1 normalized to GAPDH was calculated. Data shown are mean values ± SD and are expressed as fold changes.