FIGURE S1. Overexpression of wild type AR, but not the active site mutant ARY^{48F}, increases sorbitol accumulation in HLE B3 cells.
FIGURE S2. The HLE B3 cells were transfected with AR-V5, Flag-SMAD2 and Flag-SMAD3 plasmids and examined by V5, AR, Flag, SMAD2 and SMAD3 antibodies. AR* represents overexpressed AR.
FIGURE S3. The inhibitory activity of Sorbinil was determined by sorbitol accumulation. HLE B3 cells were incubated with Sorbinil (10 µM) in the presence of low glucose or high glucose medium. Data shown are means ± SEM (N = 3). *P < 0.05; ***P < 0.005.
FIGURE S4. Overexpression of AR or $\text{AR}^{Y48F}$ (AR*) does not enhance SMAD2 activation in the absence of TGF-β2.
FIGURE S5. Sorbinil disrupts AR (conjugated with V5) and SMAD3 (conjugated with Flag) interaction.