Supplemental Fig. 1
Regulation of Human Cytosolic Sulfotransferases (SULTs) 1C2 and 1C3 by Nuclear Signaling Pathways in LS180 Colorectal Adenocarcinoma Cells
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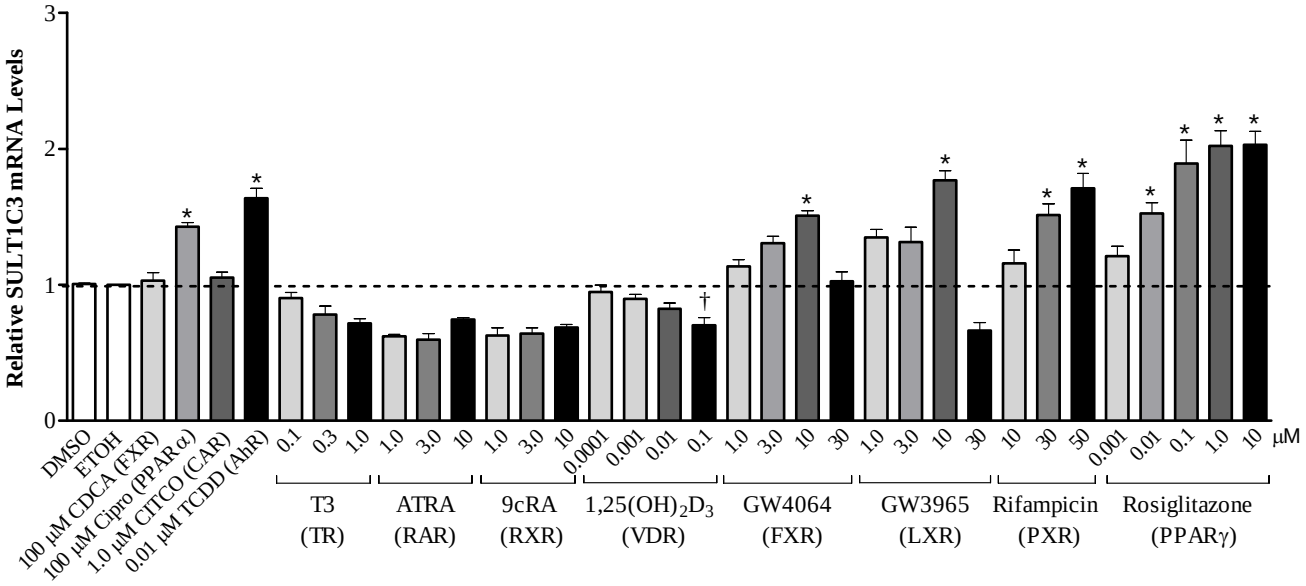
Drug Metabolism and Disposition



Supplemental Fig. 1. Effects of nuclear receptor activators on SULT1C3 mRNA levels in LS180 cells. LS180 cells were sub-cultured onto 12-well plates and 60 h later were treated with transcription factor activators at the indicated concentrations. DMSO (0.1%) and ethanol (0.1%) were used as vehicle controls. Medium containing the drug treatments was replaced once after 24 h. Forty-eight hours following the initial treatment, cells were harvested, and relative levels of SULT1C3 mRNA were quantified using qRT-PCR. The SULT1C3 TaqMan assay targeted exons 2-3. All assays were performed in duplicate. Bars represent mean ± S.E.M. (n=6-24/treatment). *Significantly different from DMSO-treated control ($P<0.05$); †significantly different from ethanol-treated control ($P<0.05$).