

Supplementary

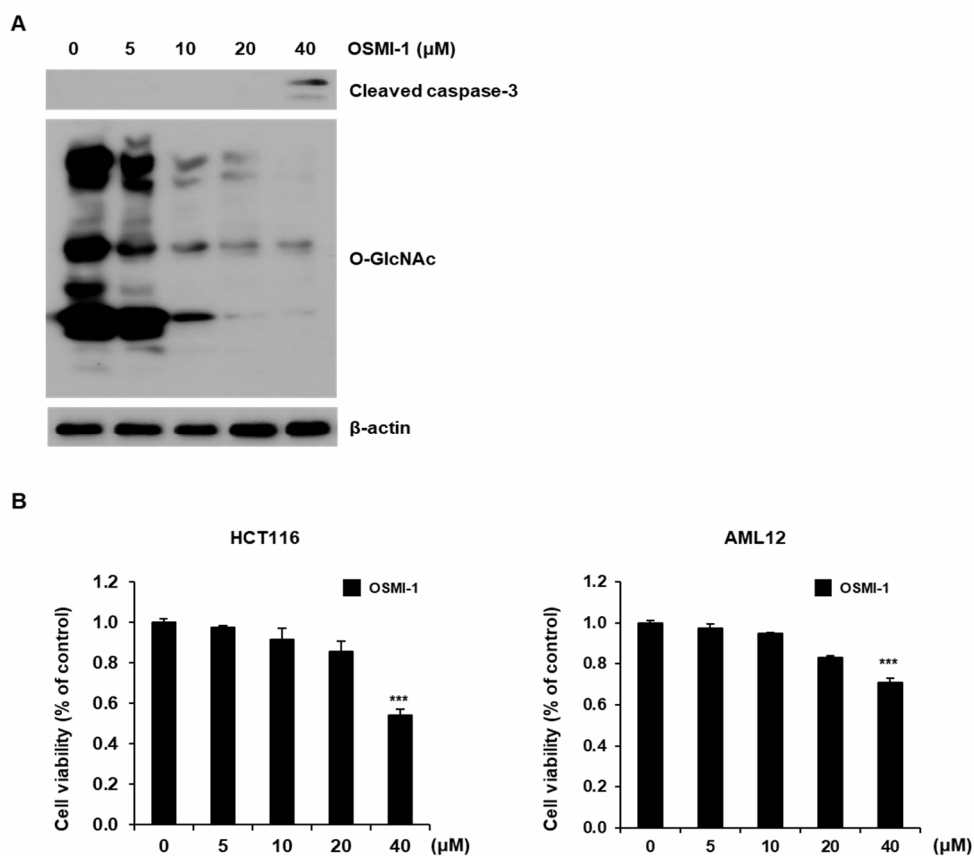


Figure S1. (A) In HCT116 was treated with various concentration of OSMI-1 (5–40 μM) for 24 h and western blot analysis was performed to detect levels of cleaved caspase-3 and O-GlcNAcylated protein. (B) HCT116 and AML12 cells were treated with of OSMI-1 (5–40 μM) for 24 h. Cell viability was analyzed by MTT assay. *** $p < 0.001$ compared with the control group.

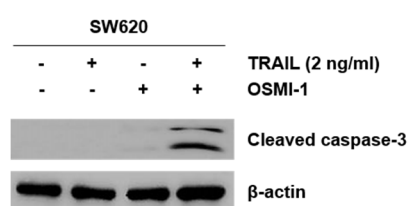


Figure S2. Combination of TRAIL and OSMI-1 modulates the levels of cleaved caspase-3. SW620 cells were treated with TRAIL (2 ng/ml) and/or OSMI-1 (20 μ M) for 24 h. The whole cell extracts were subjected to western blot analysis.

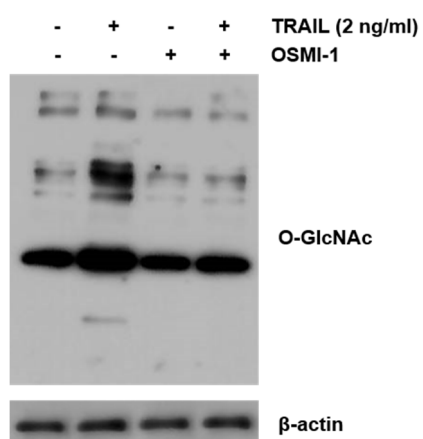


Figure S3. HCT116 tumors from xenograft mice were lysed for western blot analysis using antibodies against O-GlcNAc.