



**Figure S1** TP53 expression and TME characteristics between ovarian cancer samples and normal samples. (A) The violin map shows the difference in the expression of TP53 between OC tumor samples and normal samples. (B) The TME difference between OC samples and normal samples was measured by comparing stromal score and immune score and ESTIMATE score. \*\*\* $P<0.001$ , \*\*\*\* $P<0.0001$ . TME, tumor microenvironment; OC, ovarian cancer.

**Table S1** 32 genes that interact with the drug

Gene name
ITGAL
MMP12
HNMT
C5
LCN2
WAS
LTF
CTSK
AMY2B
CCL5
HSD11B1
LIPF
ALB
PLCD1
AOC3
TNNC2
NR5A1
AMT

**Table S1** (Continued)

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Gene name
CALCRL
CNR1
VCAM1
IL10
LTB4R2
LTB4R
JAK3
CSF1R
MMP1
AKR1C1
AKR1C2
CFTR
ABCC9
SREBF1