

Supplementary materials

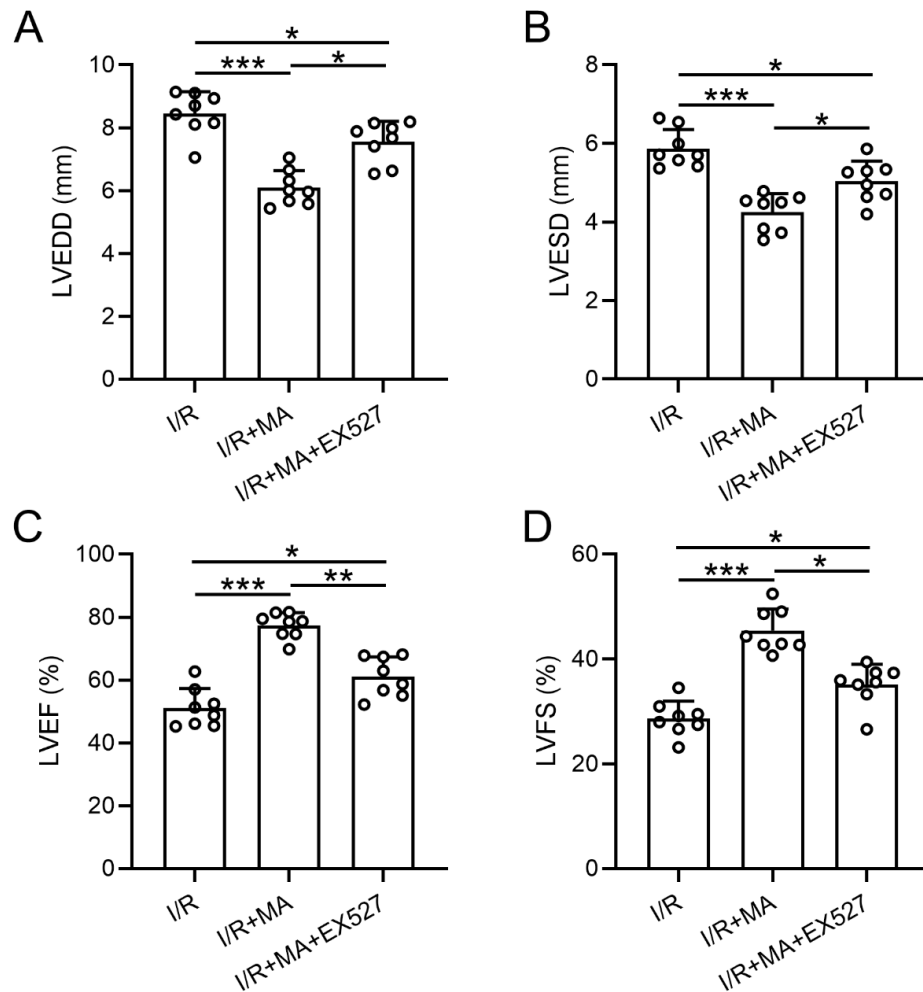


Figure S1. EX527, a selective SIRT1 inhibitor, partly eliminated the effects of maslinic acid. Cardiac performance-related parameters including LVEDD (A), LVESD (B), LVEF (C), and LVFS (D) were determined using echocardiography. The data were expressed as means \pm SD. $N = 8$ for each group. * $P < 0.05$, ** $P < 0.01$, and *** $P < 0.001$ indicate significant difference.

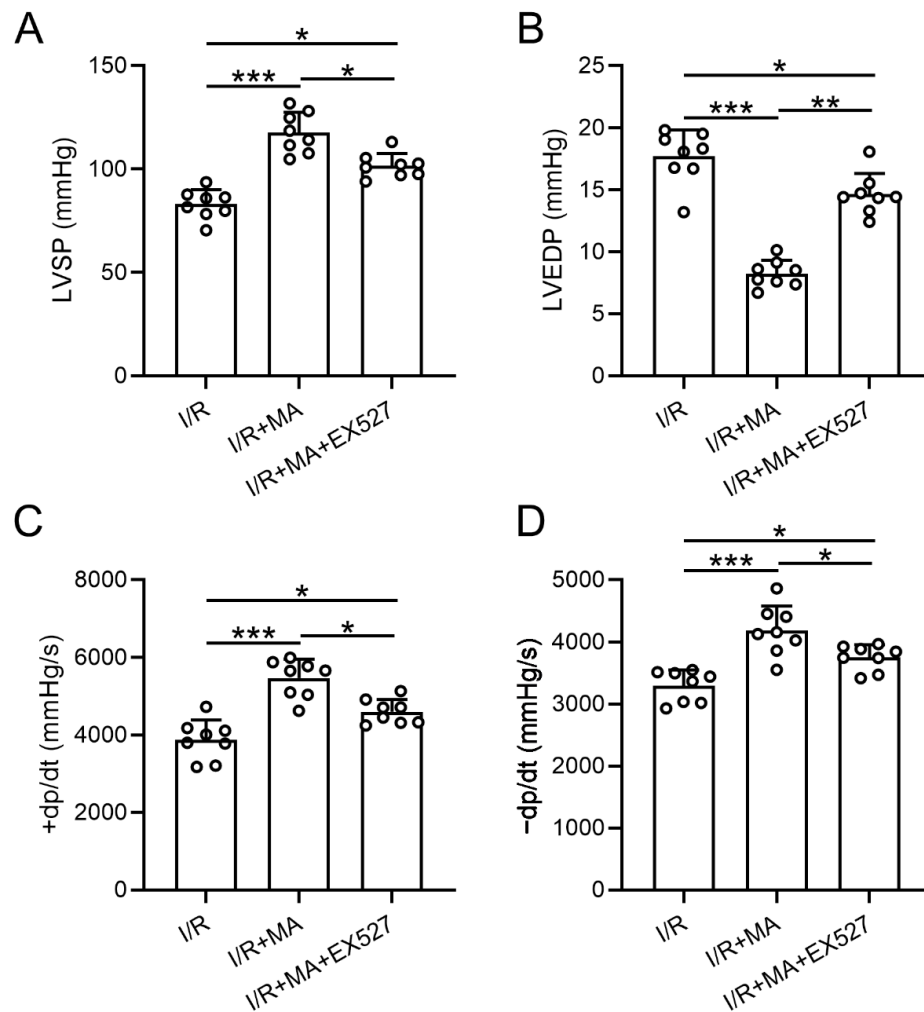


Figure S2. EX527, a selective SIRT1 inhibitor, partly eliminated the effects of maslinic acid. Left ventricle hemodynamic parameters including LVSP (A), LVEDP (B), +dp/dt (C), and -dp/dt (D) from left ventricle were determined using hemodynamic measurement. The data were expressed as means \pm SD. N = 8 for each group. * $P < 0.05$, ** $P < 0.01$, and *** $P < 0.001$ indicate significant difference.

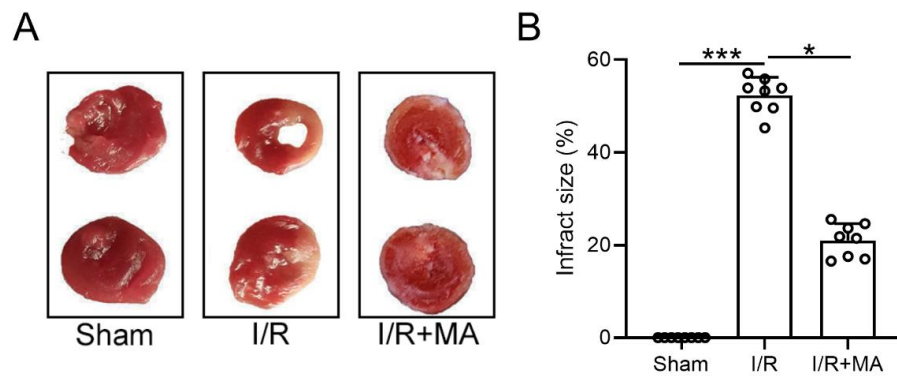


Figure S3. Treatment of maslinic acid (20 mg/kg) attenuated infarct size in the rat model of ischemia-reperfusion injury. The representative images of TTC staining. (B) the TTC statistics graph was displayed. The data were expressed as means \pm SD. N = 8 for each group. * $P < 0.05$ and *** $P < 0.001$ indicate significant difference.