

Supplementary information

Table S1 Effects of ergosterol and β -Sitosterol on body weight in P407-induced hypercholesterolemia mice.

Days Group	Day1	Day2	Day3	Day4	Day5	Day6	Day7
N	19.07 $\pm$ 0.47	18.83 $\pm$ 0.48	19.25 $\pm$ 0.60	19.47 $\pm$ 0.51	18.09 $\pm$ 0.52	18.44 $\pm$ 0.65	18.66 $\pm$ 0.67
P407	19.31 $\pm$ 0.72	18.88 $\pm$ 0.81	18.59 $\pm$ 0.81	18.12 $\pm$ 0.71	17.67 $\pm$ 0.70	18.02 $\pm$ 0.59	17.96 $\pm$ 0.60
Ez-10	19.37 $\pm$ 0.45	17.89 $\pm$ 0.76	17.67 $\pm$ 0.68	17.35 $\pm$ 0.86	17.49 $\pm$ 0.70	17.33 $\pm$ 0.69	17.76 $\pm$ 0.64
AVT-10	19.19 $\pm$ 0.55	18.82 $\pm$ 0.6	18.2 $\pm$ 0.65	17.88 $\pm$ 0.72	17.56 $\pm$ 0.56	17.83 $\pm$ 0.75	18.14 $\pm$ 0.64
Er-200	19.32 $\pm$ 0.50	18.44 $\pm$ 0.50	18.61 $\pm$ 0.62	19.00 $\pm$ 0.59	17.70 $\pm$ 0.50	18.24 $\pm$ 0.41	18.47 $\pm$ 0.54
Er-400	19.33 $\pm$ 0.66	18.70 $\pm$ 0.86	18.44 $\pm$ 0.77	18.32 $\pm$ 0.70	17.86 $\pm$ 0.56	17.89 $\pm$ 0.51	18.24 $\pm$ 0.50
Si-200	18.91 $\pm$ 0.62	18.45 $\pm$ 0.63	18.44 $\pm$ 0.70	18.19 $\pm$ 0.84	17.51 $\pm$ 0.75	17.62 $\pm$ 0.61	17.67 $\pm$ 0.69
Si-400	19.33 $\pm$ 0.37	18.35 $\pm$ 0.40	18.27 $\pm$ 0.67	17.92 $\pm$ 0.54	17.38 $\pm$ 0.46	17.47 $\pm$ 0.45	17.68 $\pm$ 0.56

No statistically significant differences between all groups.

Figure

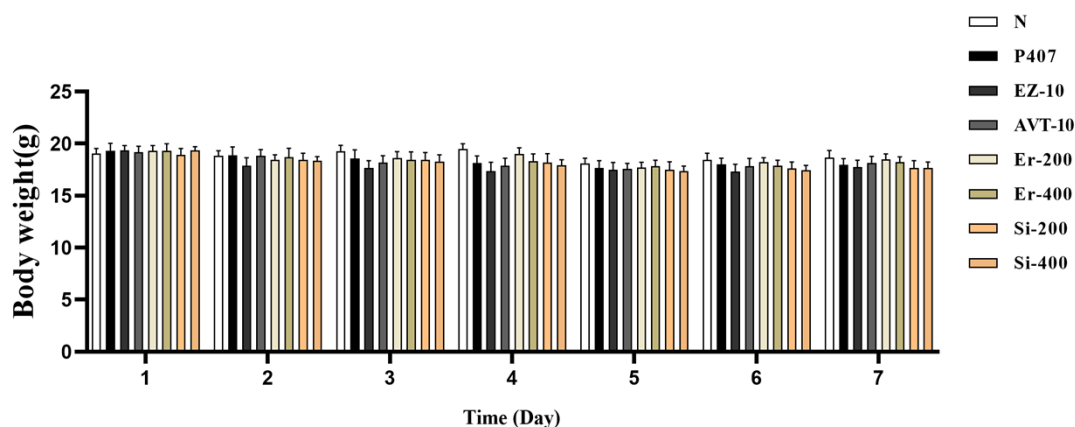


Fig. S1 Effects of ergosterol and β -Sitosterol on body weight in P407-induced hypercholesterolemia mice; n=8. No statistically significant differences between all groups.

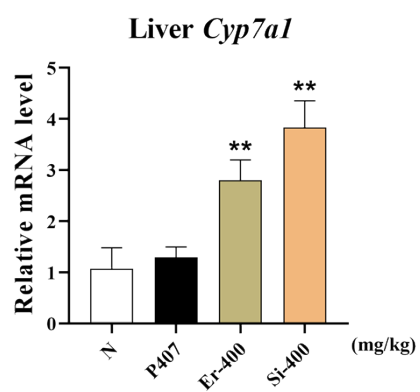


Fig. S2 Effects of ergosterol and β -sitosterol on the expression of *Cyp7a1* mRNA in mice with P407-induced hypercholesterolemia; n=6 for each group. ** $P < 0.01$ vs. P407 group.