Supporting Information Table S2. Identification of the target enzyme(s) in cholesterol biosynthesis. Mainly accumulating sterols under incubation at different concentrations, and identified target enzymes; () trivial name; n.d. not determined

Compound	Mainly accumulating sterol(s)	Inhibited enzyme(s)
Amorolfine hydrochloride	**0.1 μM**: cholesta-8,14-dien-3β-ol **1 μM**: cholesta-8,14-dien-3β-ol **10 μM:** cholesta-8,14-dien-3β-ol	**0.1 μM:** sterol C14-reductase, sterol C8-isomerase **1 μM:** sterol C14-reductase, sterol C8-isomerase **10 μM:** sterol C14-reductase, sterol C8-isomerase
2b	**0.1 μM:** cholesta-8,14-dien-3β-ol **1 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol); **10 μM:** toxic	**0.1 μM**: sterol C14-reductase, sterol C8-isomerase **1 μM:** multi-enzyme inhibition **10 μM:** n.d.
2c	**0.1 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol) **1 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol); **10 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol)	**0.1 μM:** multi-enzyme inhibition **1 μM:** multi-enzyme inhibition **10 μM:** sterol C14-reductase, sterol C8-isomerase
2f	**0.1 μM**: cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol) **21 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol); **10 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol)	**0.1 μM:** sterol C14-reductase, sterol C8-isomerase **1 μM:** multi-enzyme inhibition **10 μM:** sterol C14-reductase, sterol C8-isomerase
2g	**0.1 μM:** no accumulation; **1 μM:** no accumulation; **10 μM:** no accumulation	**0.1 μM:** n.d. **1 μM:** n.d. **10 μM:** n.d.
3b	**0.1 μM:** no accumulation; **1 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol); **10 μM:** toxic	**0.1 μM:** n.d. **1 μM:** multi-enzyme inhibition **10 μM:** n.d.
4b	**0.1 μM:** no accumulation; **1 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol); **10 μM:** toxic	**0.1 μM:** n.d. **1 μM:** multi-enzyme inhibition **10 μM:** n.d.
4c	**0.1 μM:** no accumulation; **1 μM**: cholesta-8,14-dien-3β-ol; **10 μM:** cholesta-8,14-dien-3β-ol	**0.1 μM:** n.d. **1 μM:** sterol C14-reductase, sterol C8-isomerase **10 μM:** sterol C14-reductase, sterol C8-isomerase
5b	**0.1 μM:** no accumulation **1 μM:** cholesta-8,14-dien-3β-ol, cholesta-8-en-3β-ol (zymostenol), cholesta-5,7-dien-3β-ol (7-dehydrocholesterol), cholesta-7-en-3β-ol (lathosterol); **10 μM:** toxic	**0.1 μM:** n.d. **1 μM:** multi-enzyme inhibition **10 μM:** n.d.
6b	**0.1 μM:** cholesta-8-en-3β-ol (zymostenol), cholesta-7-en-3β-ol (lathosterol) **1 μM:** cholesta-8-en-3β-ol (zymostenol), cholesta-7-en-3β-ol (lathosterol) **10 μM:** cholesta-8-en-3β-ol (zymostenol), cholesta-7-en-3β-ol (lathosterol)	**0.1 μM:** multi-enzyme inhibition **1 μM:** multi-enzyme inhibition **10 μM:** multi-enzyme inhibition