

## **Identification of anti-severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) oxysterol derivatives in vitro**

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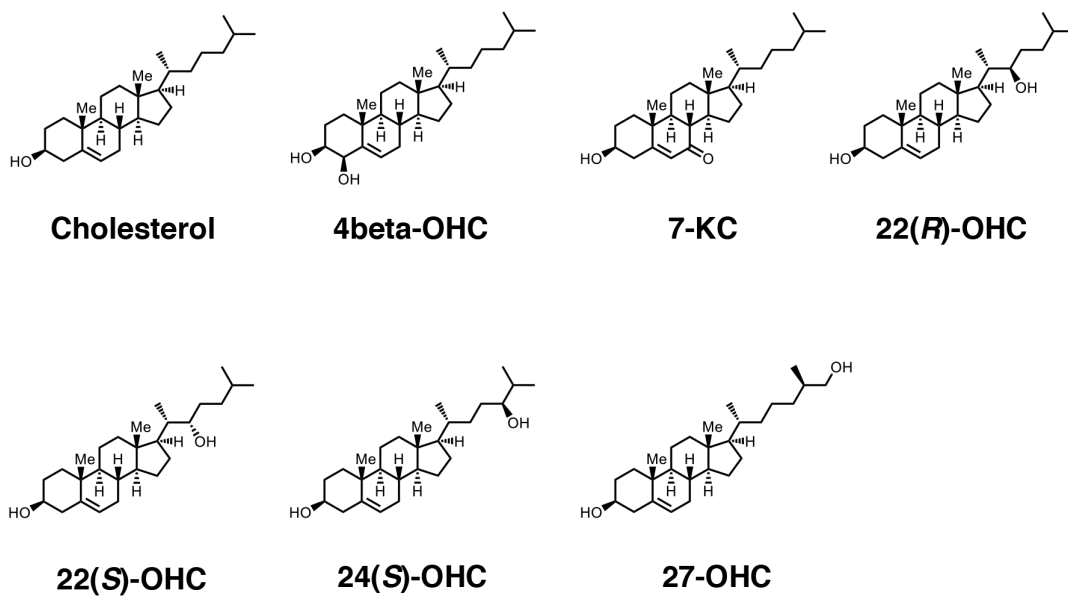
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**Supplementary Figure S1**

**Supplementary Table S1**

Supplementary Figure S1.



Supplementary Figure S1.

Chemical structure of the natural oxysterols used in this study.

**Supplementary Table S1.**

<b>(A) Plasma concentrations of Oxy210</b>						
Time (h)	Sample concentration (ng/mL)					Mean ± SD
24	26	267	8	12	83	79 ± 109
48	1039	652	1218	764	622	859 ± 259
96	1157	771	4471	6050	959	2682 ± 2423

<b>(B) Liver concentrations of Oxy210</b>						
Time (h)	Sample concentration (ng/g)					Mean ± SD
96	5227	3470	7302	13291	5055	6869 ± 1717

<b>(C) Lung concentrations of Oxy210</b>						
Time (h)	Sample concentration (ng/g)					Mean ± SD
96	1688	1109	6083	10524	1282	4137 ± 1843

**Supplementary Table S1. Concentration of Oxy210 in plasma, liver, and lung in mice.** Oxy210 mixed in regular Chow food at 4 mg/g of chow was fed to male C57BL/6 mice ad libitum. (A) Blood was drawn after 24 h, 48 h and 96h to analyze the plasma concentration of Oxy210. After 96 h, terminal liver (B) and lung (C) tissue samples were analyzed for Oxy210 concentrations. The data show the concentrations of Oxy210 in each tissue in five mice and its mean values and SD.