

Supplementary Files.



Figure S1. Thin Layer Chromatography (TLC) of reaction models between protected reactive amino acids (N_{α} -Boc-arginine, N_{α} -Boc-lysine and N_{α} -Boc-methionine) and oxysterol (cholesterol $5\alpha,6\alpha$ -epoxide). Incubation was performed at 160°C for 60 min. Spot separation was observed from mixture models containing cholesterol $5\alpha,6\alpha$ -epoxide with N_{α} -Boc-L-lysine. From left to right: N_{α} -Boc-lysine (T0), Heated N_{α} -Boc-lysine (160°C for 60 min), N_{α} -Boc-lysine + cholesterol $5\alpha,6\alpha$ -epoxide, N_{α} -Methionine, N_{α} -Methionine + cholesterol $5\alpha,6\alpha$ -epoxide, N_{α} -Arginine, N_{α} -Arginine + cholesterol $5\alpha,6\alpha$ -epoxide.

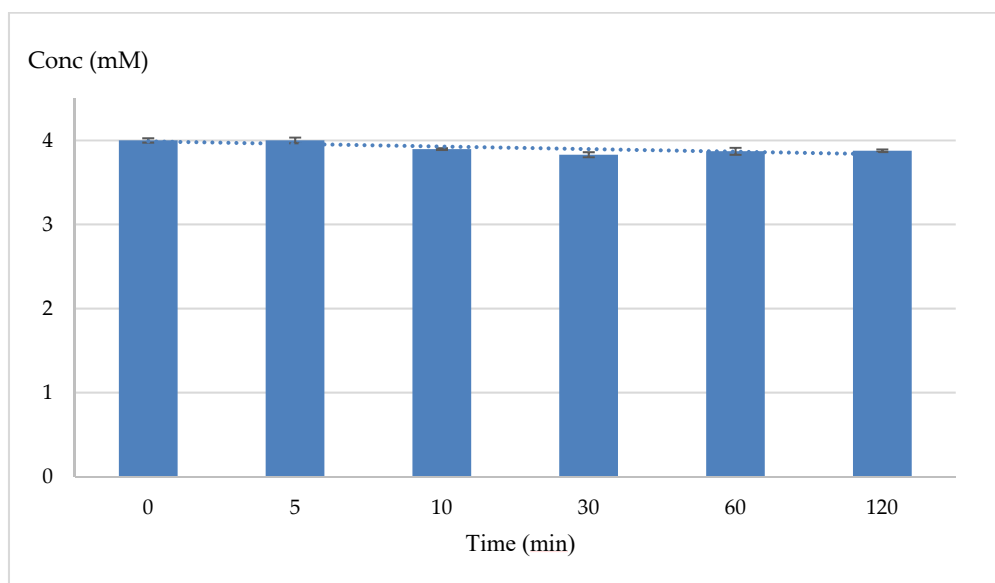


Figure S2. Levels of cholesterol $5\alpha,6\alpha$ -epoxide in blank samples over the incubation time at 180°C .