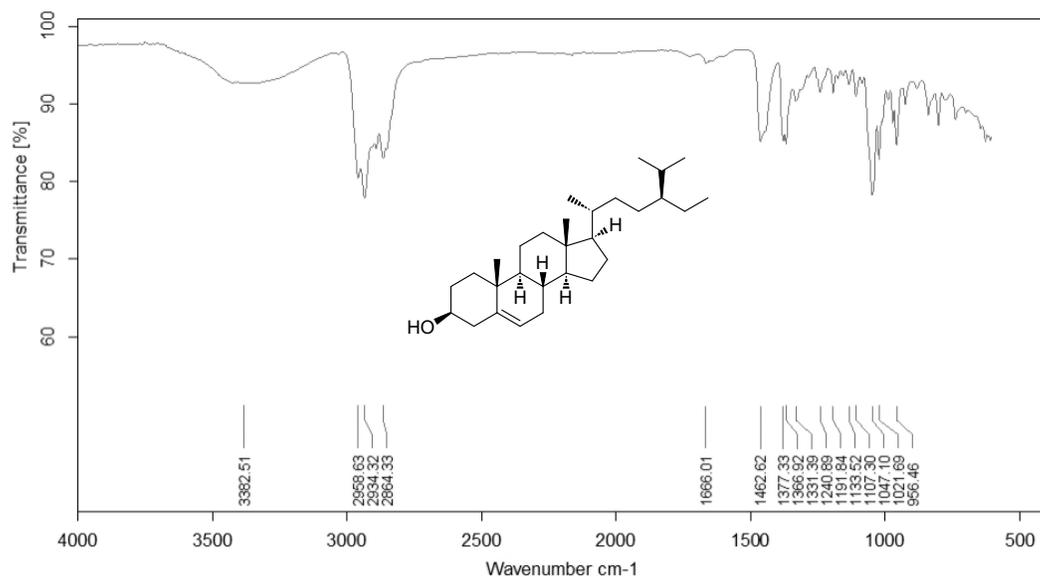


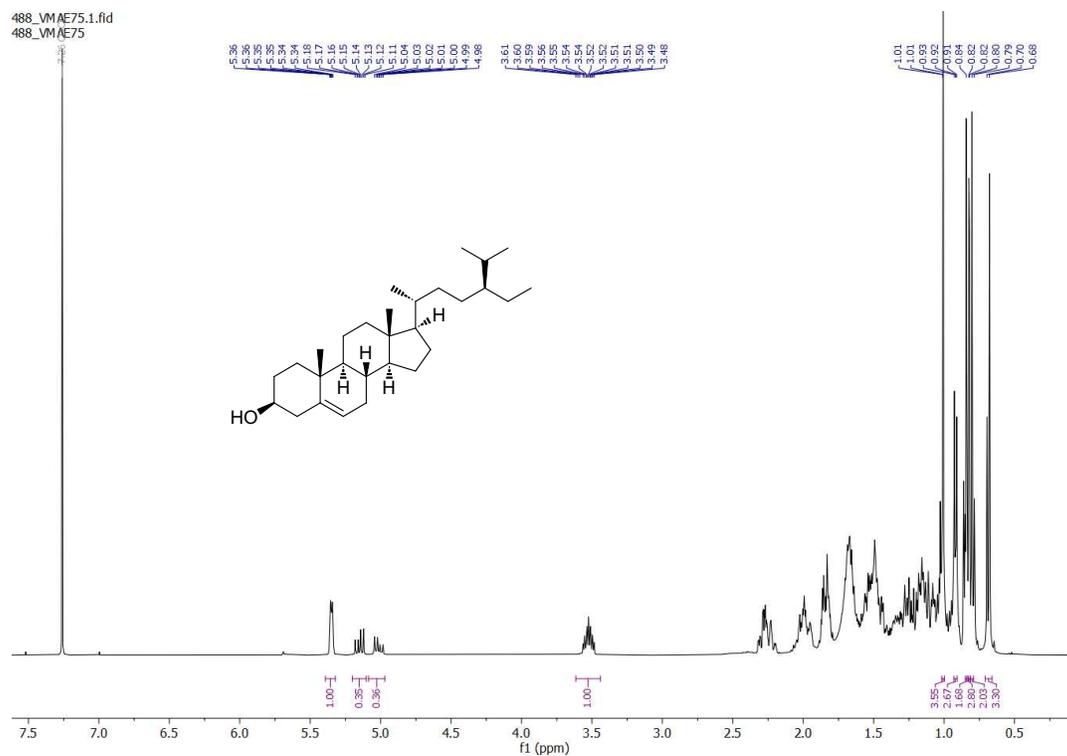
## SUPPLEMENTARY MATERIAL

### Table of Contents:

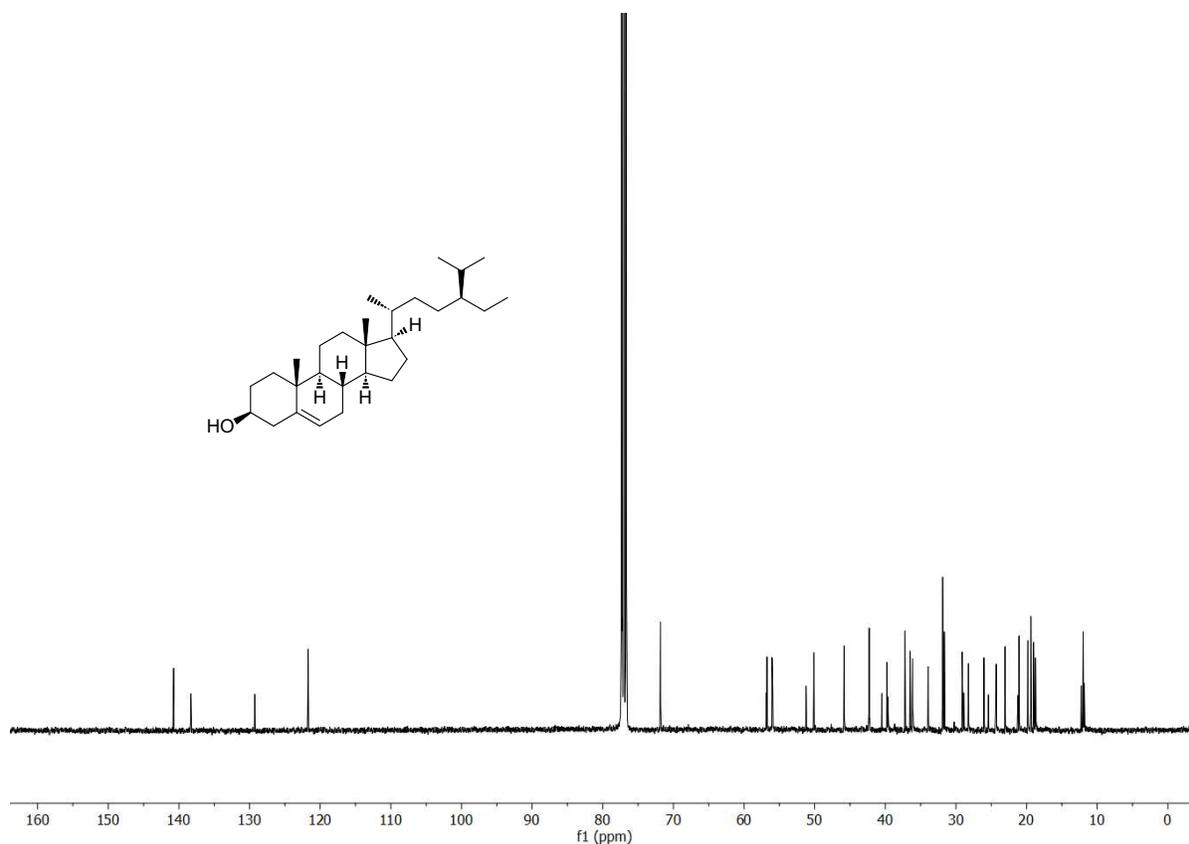
- Figure S1 IR spectrum of a mixture of compounds **1** ( $\beta$ -sitosterol) and **2** (stigmasterol)
- Figure S2  $^1\text{H}$  NMR spectrum of a mixture of compounds **1** ( $\beta$ -sitosterol) and **2** (stigmasterol) in  $\text{CDCl}_3$
- Figure S3  $^{13}\text{C}$  NMR spectrum of a mixture of compounds **1** ( $\beta$ -sitosterol) and **2** (stigmasterol) in  $\text{CDCl}_3$
- Figure S4 IR spectrum of compound **3** (daucosterol)
- Figure S5  $^1\text{H}$  NMR spectrum of compound **3** (daucosterol) in pyridine- $d_5$
- Figure S6  $^{13}\text{C}$  NMR spectrum of compound **3** (daucosterol) in pyridine- $d_5$
- Figure S7 IR spectrum of compound **4** (stigmasterol-3-O- $\beta$ -D-glucoside)
- Figure S8  $^1\text{H}$  NMR spectrum of compound **4** (stigmasterol-3-O- $\beta$ -D-glucoside) in  $\text{CDCl}_3$
- Figure S9  $^{13}\text{C}$  NMR spectrum of compound **4** (stigmasterol-3-O- $\beta$ -D-glucoside) in  $\text{CDCl}_3$



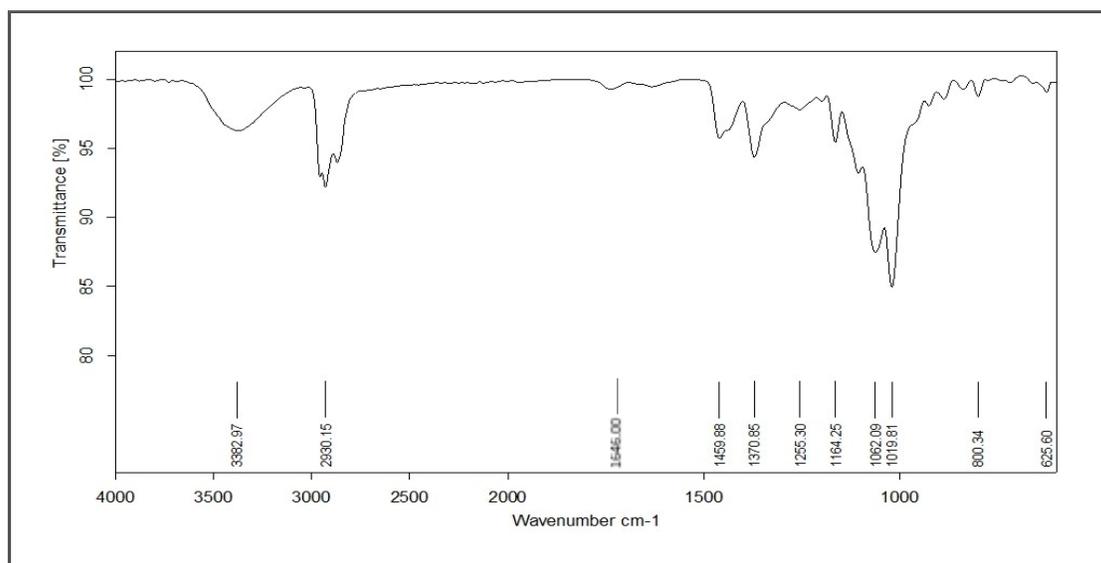
**Figure S1** IR spectrum of a mixture of compounds **1** ( $\beta$ -sitosterol) and **2** (stigmasterol)



**Figure S2**  $^1\text{H}$  NMR spectrum of a mixture of compounds **1** ( $\beta$ -sitosterol) and **2** (stigmasterol) in  $\text{CDCl}_3$

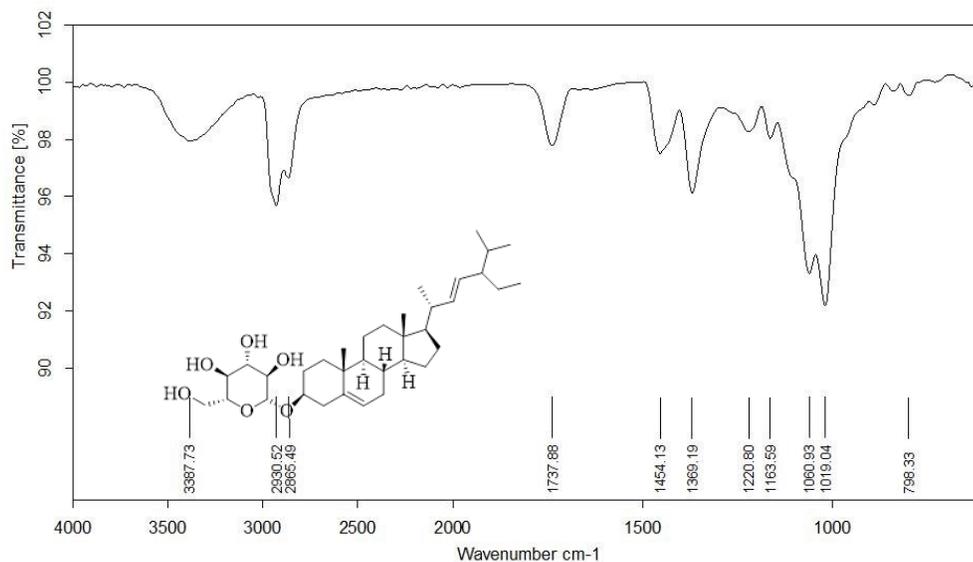


**Figure S3** <sup>13</sup>C NMR spectrum of a mixture of compounds **1** (β-sitosterol) and **2** (stigmasterol) in CDCl<sub>3</sub>

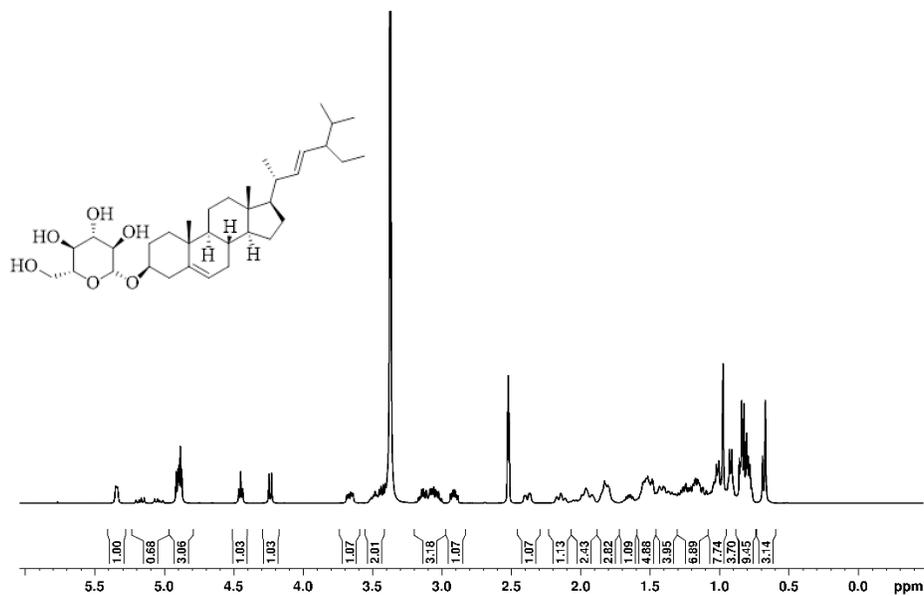


**Figure S4** IR spectrum of compound **3** (daucosterol)

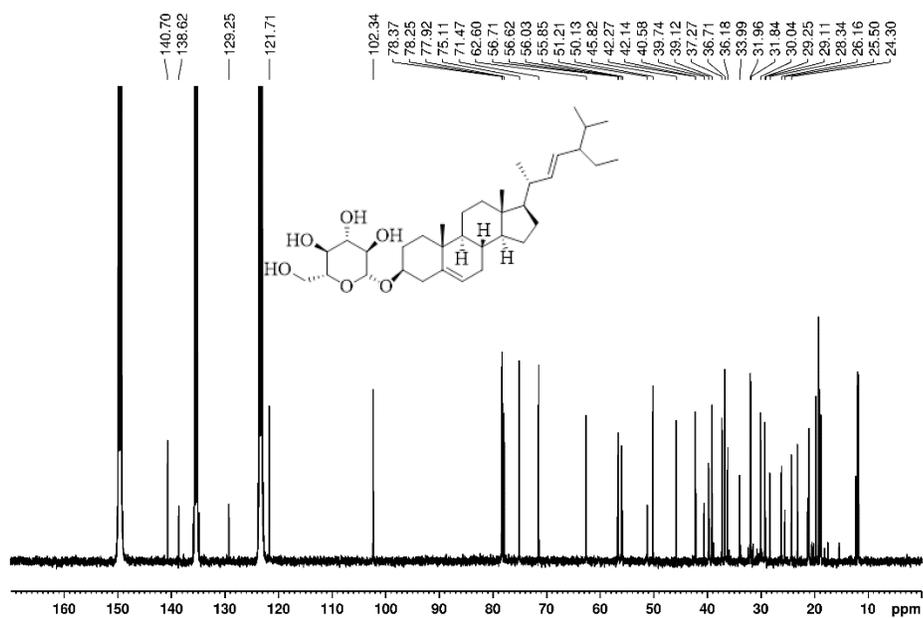




**Figure S7** IR spectrum of compound **4** (stigmasterol-3-O-β-D-glucoside)



**Figure S8** <sup>1</sup>H NMR spectrum of compound **4** (stigmasterol-3-O-β-D-glucoside) in CDCl<sub>3</sub>



**Figure S9** <sup>13</sup>C NMR spectrum of compound 4 (stigmasterol-3-O-β-D-glucoside) in CDCl<sub>3</sub>