

ONLINE RESOURCE MATERIAL (3 BIOTECH)

Neuroprotective effects on amyloid-*beta* induced cytotoxicity of *Pandanus clementis* Merr.

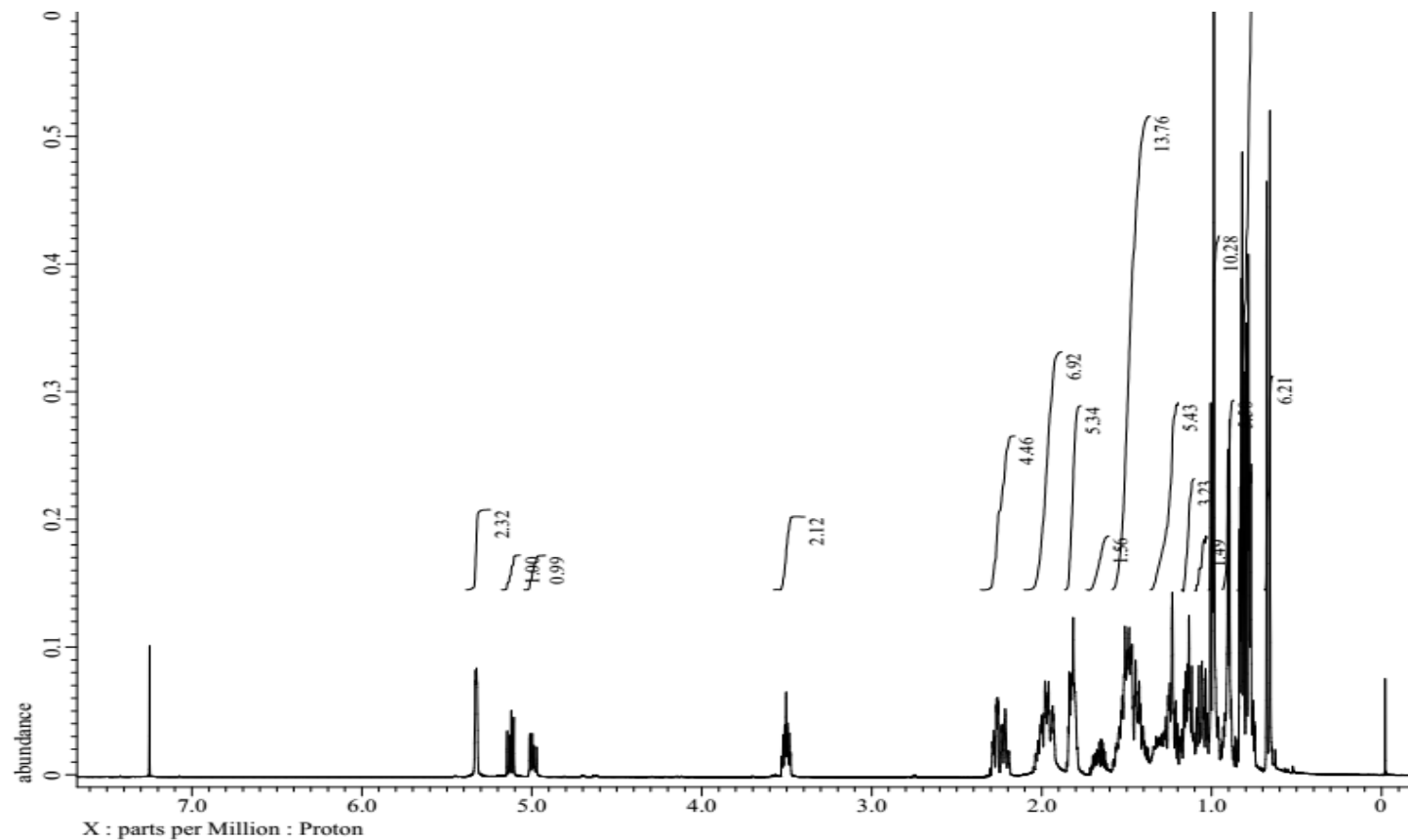


Fig. S1. 600 MHz ^1H -NMR of Stigmasterol in CDCl_3

Stigmasterol: ^1H NMR (600 MHz, CDCl_3): δ 1.08 (1H, m, H-1a); 1.83 (1H, m, H-1b); 1.49 (1H, m, H-2a); 1.82 (1H, m, H-2b); 3.53 (1H, m, H-3); 2.26 (2H, m, H₂-4); 5.35 (1H, d, J=4.7 Hz, H-6); 1.52 (1H, m, H-7a); 1.98 (1H, m, H-7b); 1.46 (1H, m, H-8); 0.94 (1H, m, H-9); 1.47 (2H, m, H₂-11); 1.15 (1H, m, H-12a); 1.97 (1H, m, H-12b); 1.00 (1H, m, H-14); 1.06 (1H, m, H-15a); 1.55 (1H, m, H-15b); 1.27 (1H, m, H-16a); 1.71 (1H, m, H-16b); 1.13 (1H, m, H-17); 0.70 (3H, s, H₃-18); 1.01 (3H, s, H₃-19); 2.04 (1H, m, H-20); 1.02 (3H, d, J=6.8 Hz, H₃-21); 5.15 (1H, dd, J=15.1 Hz, 8.4 Hz, H-22); 5.02 (1H, dd, J=15.1 Hz, 8.4 Hz, H-23); 1.53 (1H, m, H-24); 1.44 (1H, m, H-25); 0.84 (3H, d, J=6.4 Hz, H₃-26); 0.83 (3H, d, J=6.3 Hz, H₃-27); 1.15 (1H, m, H-28); 0.80 (3H, t, J=6.0 Hz, H₃-29).

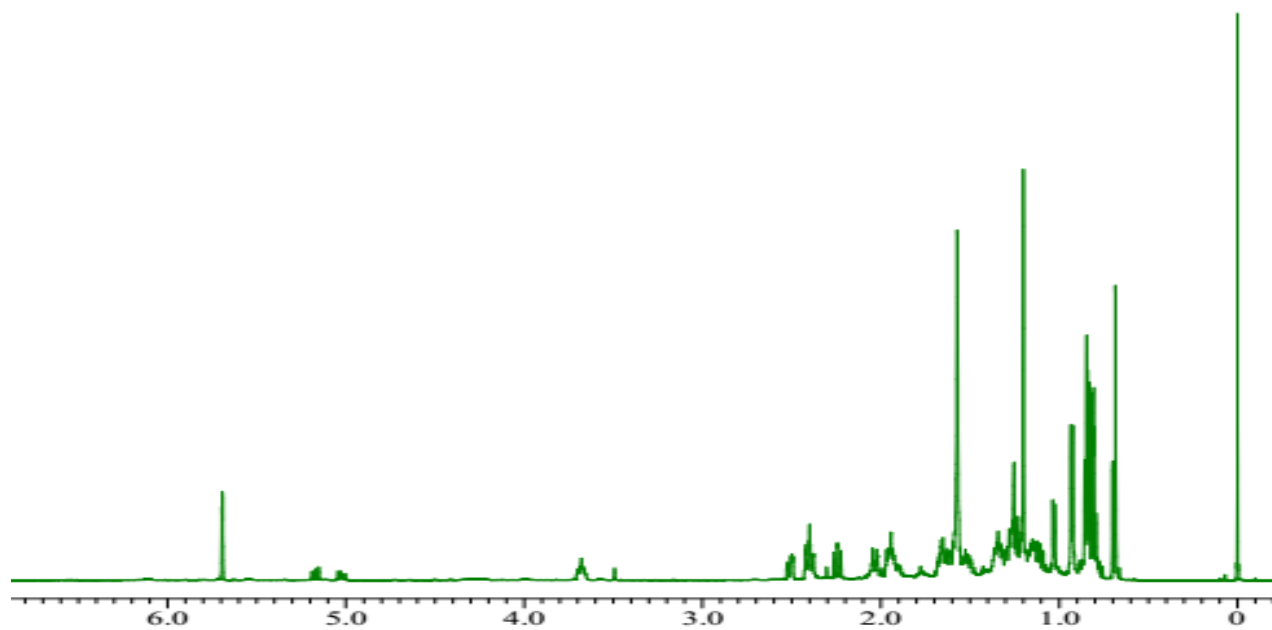


Fig. S2. 600 MHz ¹H-NMR of α-Spinasterol and Sitostenone mixture in CDCl₃

The α -spinasterol and β -sitostenone were confirmed based on comparison of the mixture NMR spectra with that of pure samples (Fig. S3 and Fig. S4) as retrieved from the literature.

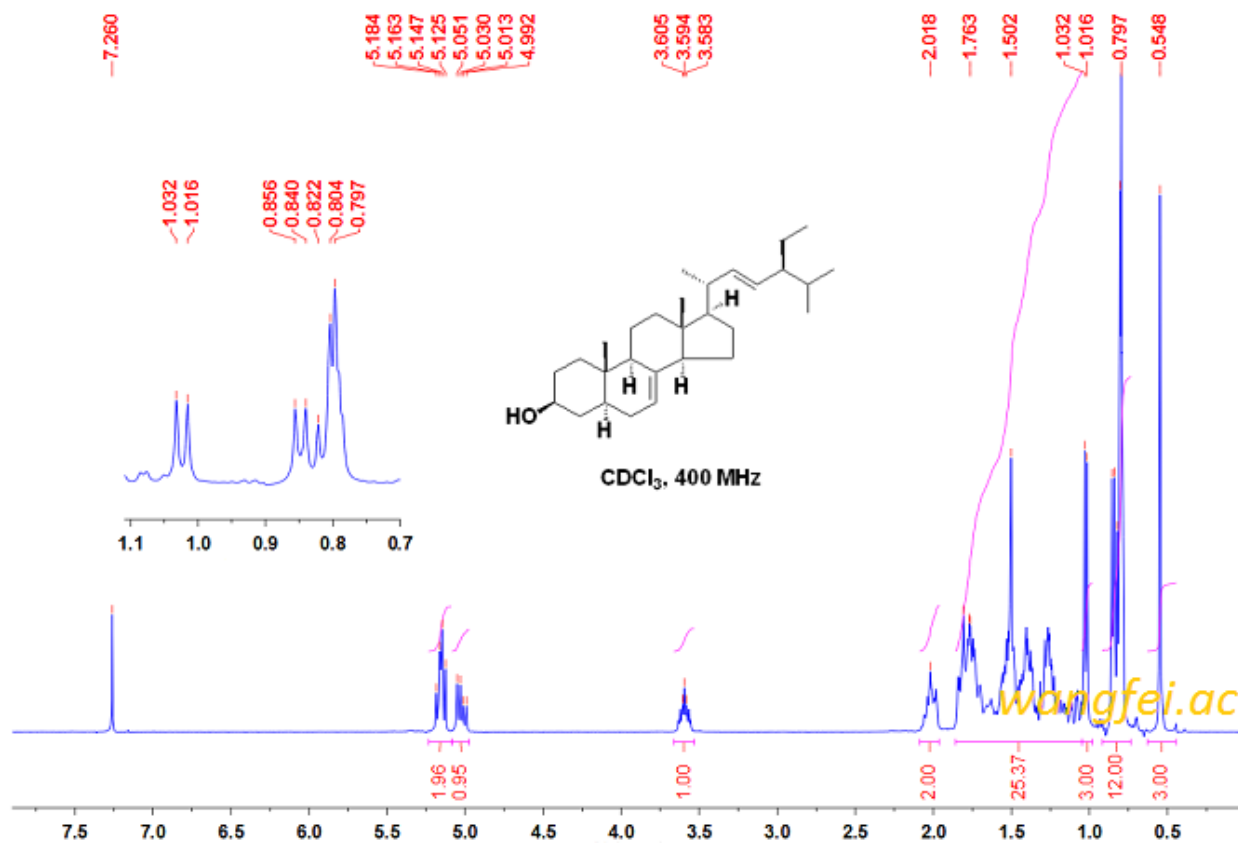


Fig. S3. NMR spectra of α -spinasterol

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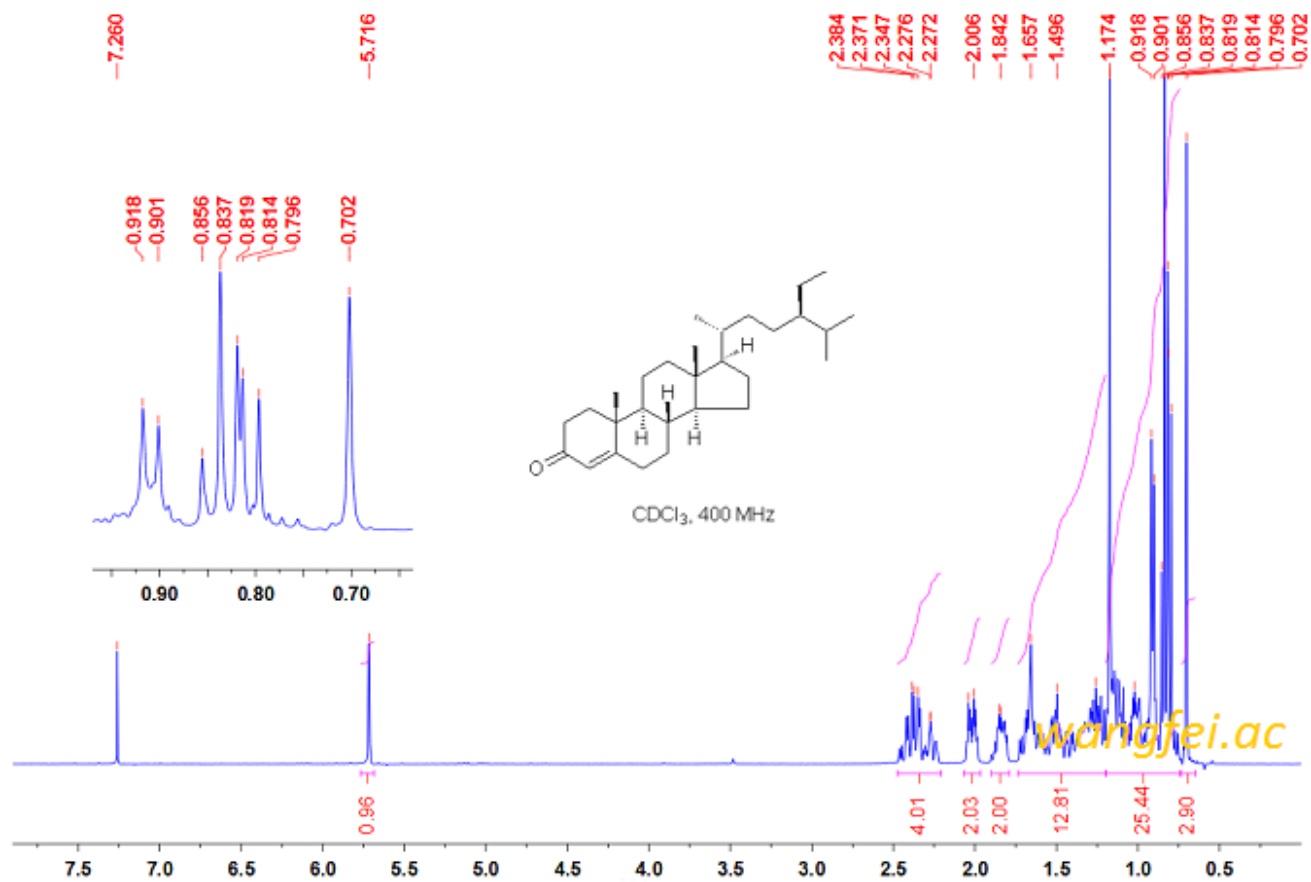


Fig. S4. NMR spectra of Sitostenone

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