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SUPPLEMENTARY MATERIAL TO

**Elicitation effects of a synthetic 1,2,4,5-tetraoxane and
a 2,5-diphenylthiophene in shoot cultures of two *Nepeta* species**

SLAVICA DMITROVIĆ^{1*}, MARIJANA SKORIĆ¹, JELENA BOLJEVIĆ¹, NEDA ANIČIĆ¹,
DRAGANA BOŽIĆ¹, DANIJELA MIŠIĆ¹, VUK FILIPOVIĆ² and DEJAN OPSENICA^{2#}

¹*Institute for Biological Research “Siniša Stanković”, University of Belgrade,
Belgrade, Serbia and* ²*Institute of Chemistry, Technology and Metallurgy,
University of Belgrade, Njegoševa 12, 11000 Belgrade, Serbia*

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CHARACTERIZATION DATA FOR THE SYNTHESIZED COMPOUNDS

Methyl 7 α ,12 α -diacetoxy-3,3-[cyclohexilidenebis(dioxy)]-5 β -cholan-24-oate (DO63). ¹H-NMR (200 MHz, CDCl₃, δ / ppm): 5.09 (*bs*, 1H, H-12), 4.92 (*bs*, 1H, H-7), 3.66 (*s*, 3H, CH₃O), 2.12 (*s*, 3H, CH₃CO), 2.08 (*s*, 3H, CH₃CO), 0.94 (*s*, 3H, H-19), 0.81 (*d*, 3H, *J* = 6.0 Hz, H-21), 0.73 (*s*, 3H, H-18). ¹³C-NMR (50 MHz, CDCl₃, δ / ppm): 174.48, 170.51, 108.41, 108.28, 75.18, 70.59, 51.42, 47.21, 44.94, 43.23, 37.56, 34.58, 34.47, 30.74, 30.63, 28.33, 27.04, 25.60, 25.24, 22.67, 22.00, 21.52, 21.31, 17.37, 12.11.

2,5-Bis(4-aminophenyl)thiophene (DOVF15). ¹H-NMR (500 MHz, CD₃OD, δ / ppm): 7.41, 6.69 (ABq, 8H, *J*_{AB} = 8.5 Hz, H-7',8',10',11',11'), 7.07 (*s*, 2H, H-3 and H-4), 3.72 (*s*, 4H, H-N); ¹³C-NMR (125 MHz, CD₃OD, δ / ppm): 145.75, 142.49, 126.70 (4CH), 125.37, 121.97, 115.30 (4CH). (+)ESI-HRMS (*m/z*): calculated for [C₁₆H₁₄N₂S + H]⁺ 267.09504, observed 267.09396.

* Corresponding author. E-mail: smile@ibiss.bg.ac.rs