Figure S2a. ¹H NMR (DMSO- d_6 with 0.03% v/v TMS, 600MHz) Synthetic standard (compound 2) 7.318 7.305 7.296 7.296 7.293 7.258 7.255 7.255 7.208 7.208 7.208 6.829 6.829 6.829 6.829 6.829 6.829 6.829 6.829 6.829 7.208 80 75 7.318 7.305 7.293 7.258 7.255 7.242 7.242 7.219 7.206 6.826 6.826 6.826 6.827 6.821 6.821 6.821 6.821 6.821 6.821 60 -70 50 65 40 H_2O 60 **DMSO** 30 55 20 50 - 10 45 0 2.00₁ 2.084 4.064 2.1840 -10 **TMS** 35 7.4 7.3 7.2 7.1 7.0 6.9 6.8 6.7 6.6 6.5 6.4 f1 (ppm) 30 25 20 15 10 5 0 2.08 4.06 2.00 1.17 2.18 $2.19_{\text{-}}$ 2.27/ $3.15_{\text{-}}$ -5 -1011.5 5.5 10.5 9.5 8.5 7.5 6.5 3.5 2.5 1.5 0.5 -0.54.5 f1 (maa)

Figure S2b. 1 H NMR (DMSO- d_{6} with 0.03% v/v TMS, 800MHz) Compound **2** from maca root

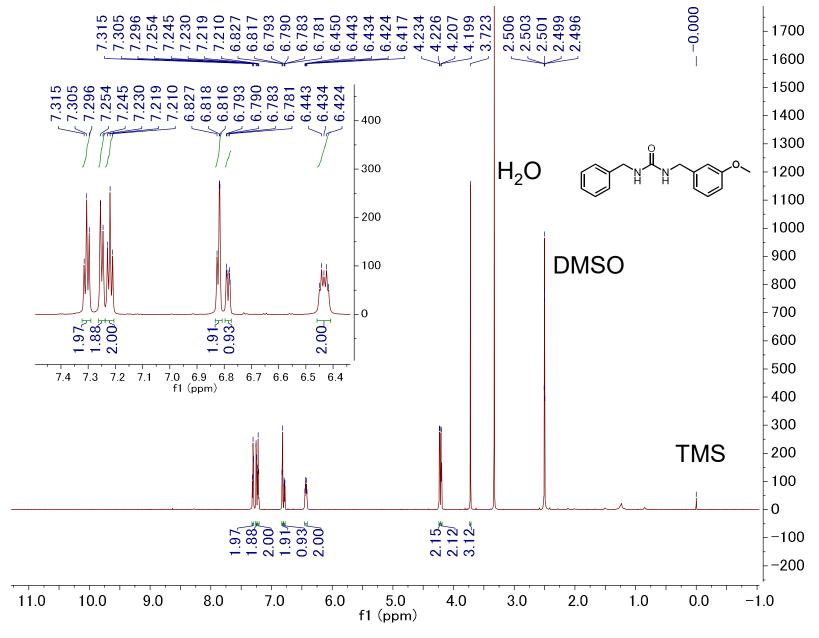


Figure S2c. 13 C NMR (DMSO- d_6 with 0.03% v/v TMS, 201MHz) Compound **2** from maca root

