Electronic Supplementary Information (ESI)

Micellar Electrokinetic Chromatography Analysis of Tetrahydrogestrinone and Related Anabolic Androgenic Steroids

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General: All reagents were used as received from commercial sources without further purification or prepared as described in the literature. Analytical TLC was performed with 0.20 mm silica gel 60F plates with 254 nm fluorescent indicator. Plates were visualized by ultraviolet light and treatment with Pancaldi reagent $((NH_4)_6MoO_4, Ce(SO_4)_2, H_2SO_4, H_2O)$ or 0.5% ninhydrin in acetone stain followed by gentle heating. NMR spectra were measured in CDCl₃ (with TMS as internal standard) on a Bruker AV300 magnetic resonance spectrometer. Chemical shifts (δ) are reported in ppm, and coupling constants (*J*) are in Hz. The following abbreviations were used to explain the multiplicities: s = singlet, d = doublet, t = triplet, m = multiplet. MS were measured on a Finnigan LCQ.



Figure S1. ¹H-NMR of THG



Figure S2. MS of THG



Figure S3. ¹H-NMR of DHG



Figure S4. MS of DHG