Cannabinoid Ester Constituents from High Potency Cannabis Sativa

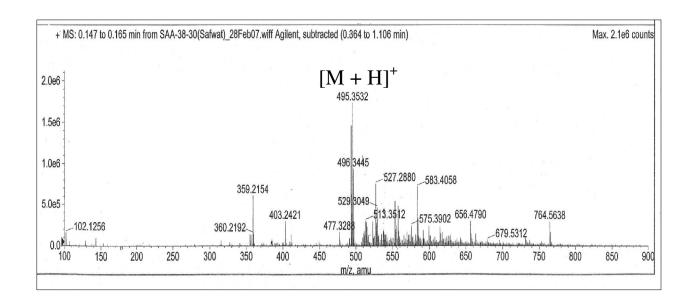
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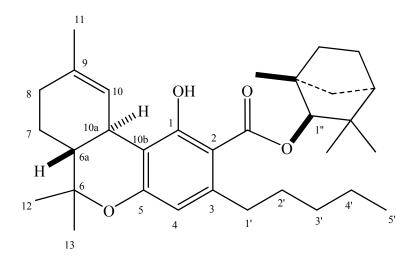
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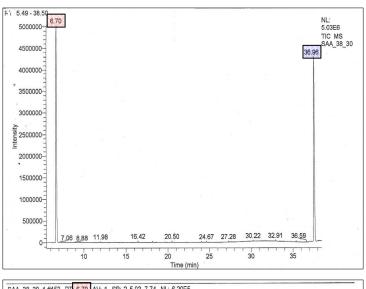
Figure S1. HRESIMS (positive mode) of 1

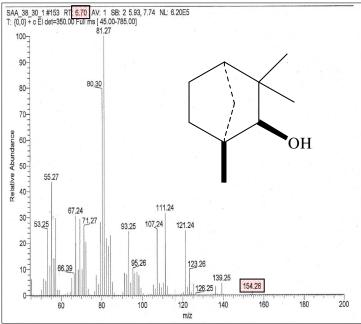




Compound 1

Figure S2. GCMS of 1





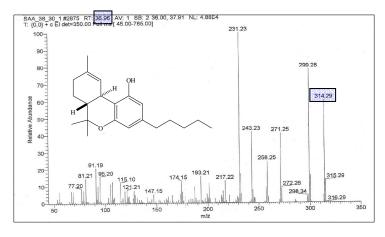


Figure S3. GCMS trimethylsilyl derivatization of 1

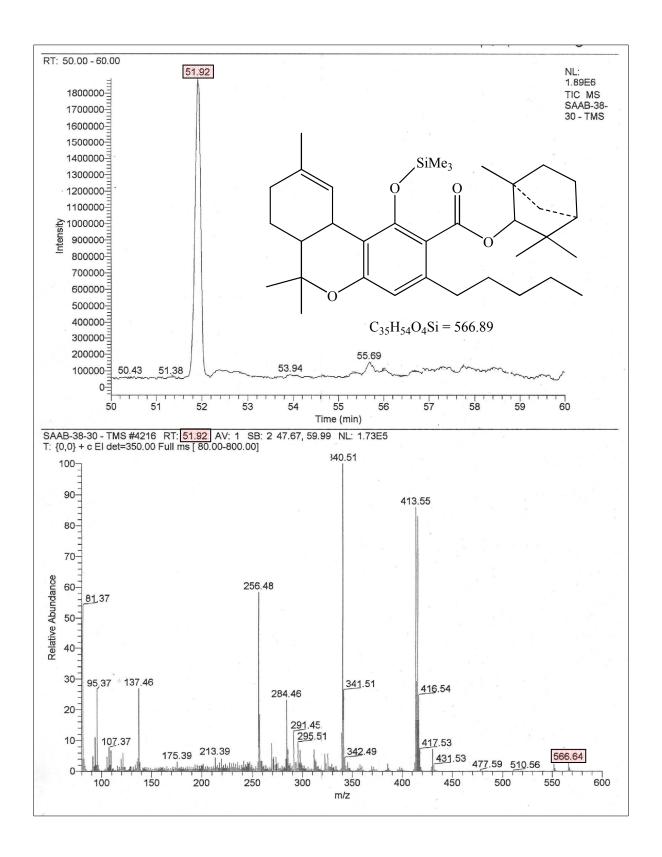


Figure S4. 1 H-NMR: Δ^{9} -THCA v 1 (400 MHz, CDCl₃)

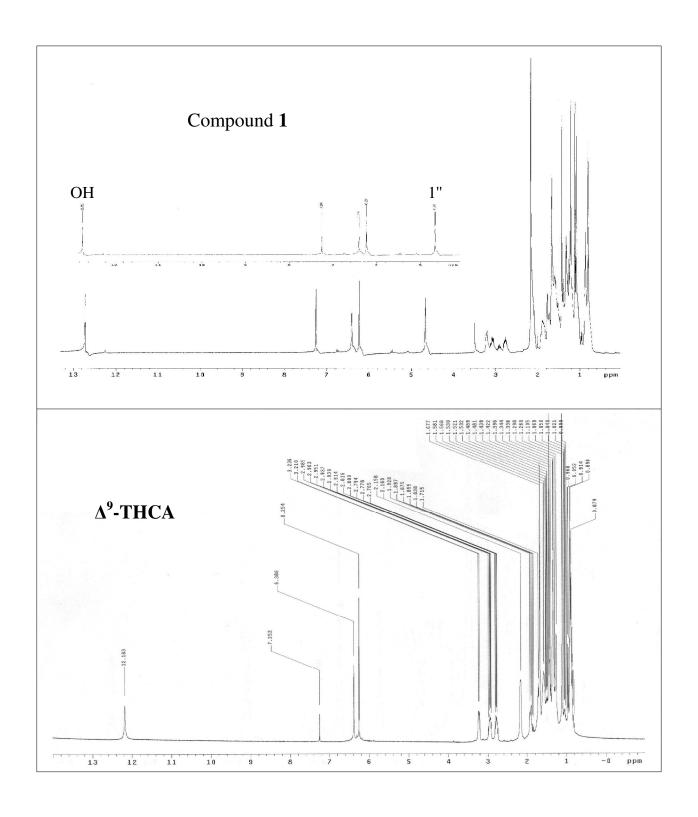


Figure S5. 13 C-NMR: Δ^9 -THCA v 1 (400 MHz, CDCl₃)

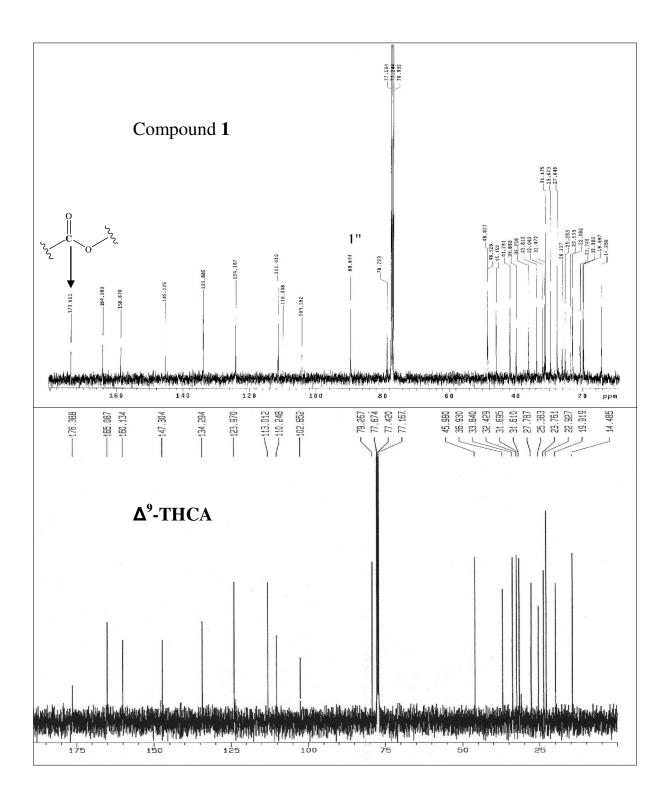


Figure S6. DEPT 135 of **1** (100 MHz, CDCl₃)

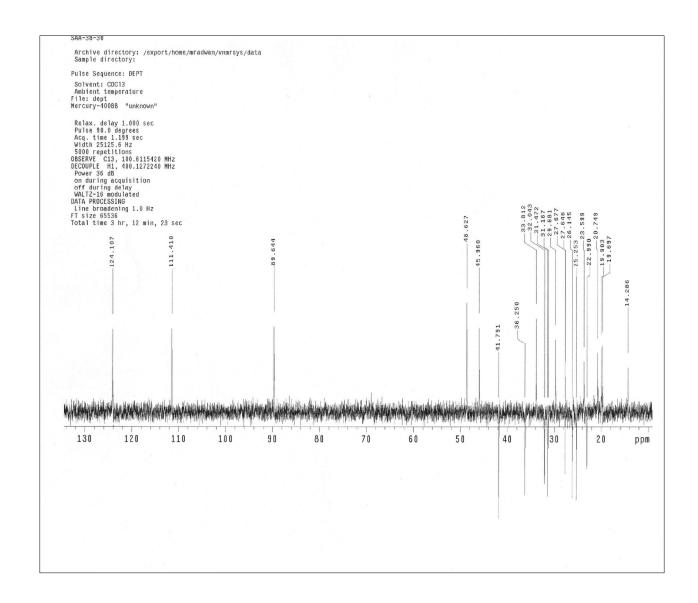


Figure S7. HMQC of 1 (400 MHz, CDCl₃)

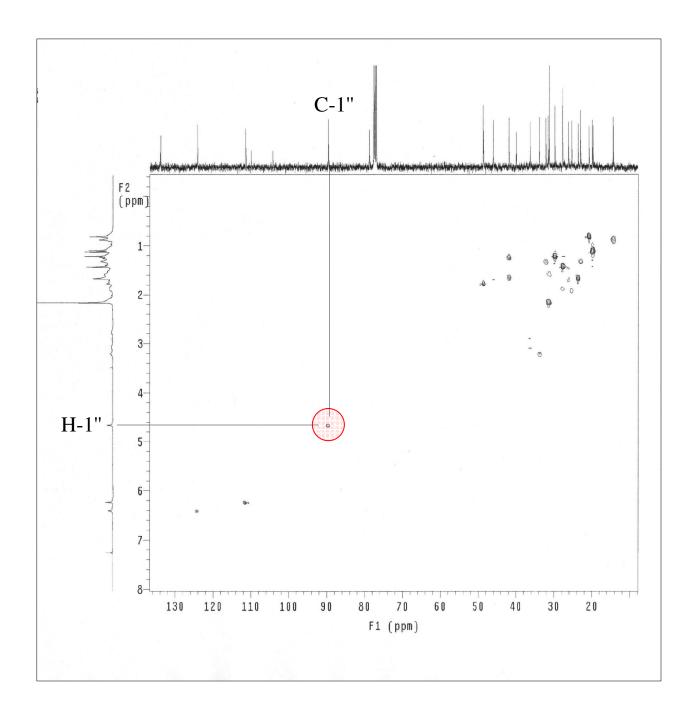


Figure S8. HMBC of 1 (400 MHz, CDCl₃)

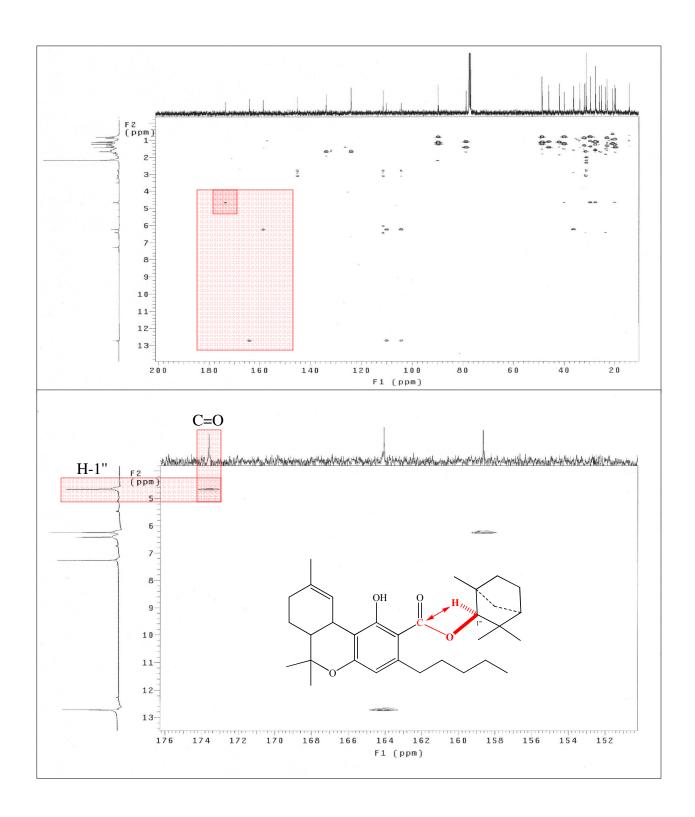


Figure S9. HPLC chromatograms of isolated compounds.

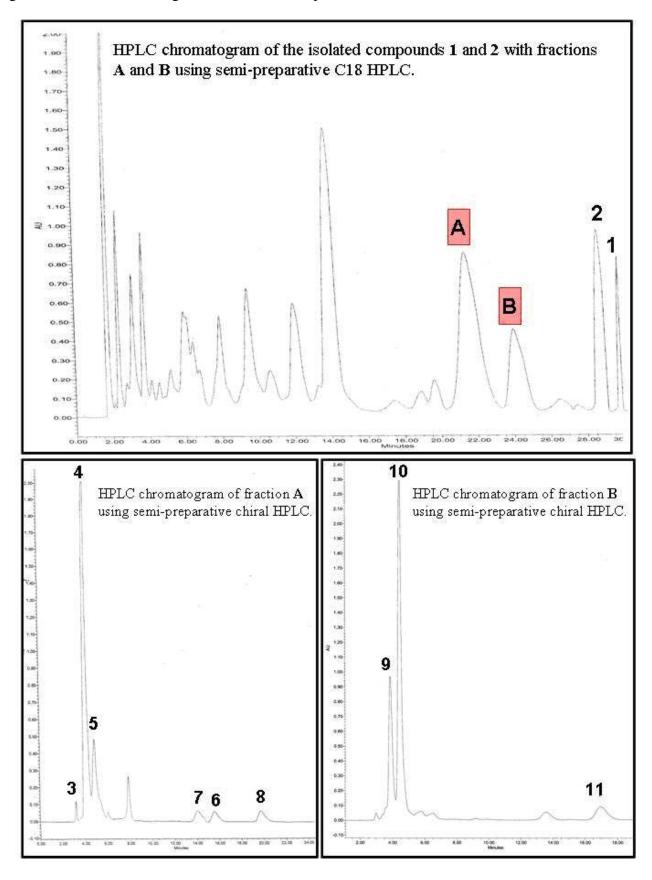


Table S1. GCMS data of isolated compounds.

Mono- and sesquiterpenol ^a	$t_{ m R}$	M ⁺	Base peak	Parent ester
α-fenchol	6.61	154	81	10
β-fenchol	6.70	154	81	1
borneol	7.82	154	95	9
epi-borneol	7.89	154	95	2
4-terpineol	8.08	154	71	4 and 8
α-terpineol	8.38	154	59	3
α-cadinol	20.05	222	95	5 and 11
γ-eudesmol	21.02	222	81	6 and 7
Δ^9 -THC	36.96	314	231	-
Δ^9 -THCA	36.96 ^b	314	231	-
CBNA	37.76 ^b	316	193	-
CBGA	37.93 ^b	310	295	-

^aComponents are listed according to their retention times (t_R) .

^bRetention time of decarboxylated cannabinoid acid.