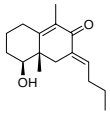
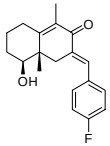
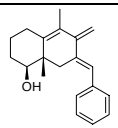
Table 2. Analytical data of the compounds 3–5

Cp	Name	Structure	GP	Analytical data
3	(3*E*,4a*S*,5*S*)-3-butylidene-4,4a,5,6,7,8-hexahydro-5-hydroxy-1,4a-dimethylnaphthalene-2(3*H*)-one		**1** **2** **4**	**Yield**: 68 % $[\alpha]_D^{20}$ = +54° (c = 1.07, $CHCl_3$) **^{1}H-NMR** (400 MHz, $CDCl_3$): δ 0.87 (t, *J* = 6.9 Hz, 3H), 1.14 (s, 3H), 1.11-2.19 (m, 12H), 1.77 (s, 3H), 3.24-3.29 (m, 1H), 6.59 (t, *J* = 6.1 Hz, 1H). **^{13}C-NMR** (100.6 MHz, CDCl3): δ 12.3, 14.1, 20.9, 23.0, 23.8, 27.0, 28.3, 29.4, 31.9, 41.4, 85.4, 129.1, 137.8, 152.7, 166.5, 187.4. **HRMS** (FAB): calc. for $C_{16}H_{24}O_2$: 248.1776, found: 248.1789.
4	(3*E*,4a*S*,5*S*)-3-(4-fluoro-benzylidene)-4,4a,5,6,7,8-hexahydro-5-hydroxy-1,4a-dimethylnaphthalene-2(3*H*)-one		**1** **2** **4**	**Yield**: 73 % $[\alpha]_D^{20}$ = +77° (c = 1.04, $CHCl_3$) **^{1}H-NMR** (400 MHz, $CDCl_3$): δ 1.24 (s, 3H), 1.23-2.12 (m, 8H), 1.96 (s, 3H), 3.23 (t, *J* = 7.3 Hz, 1H), 6.91 (d, *J* = 8.4 Hz, 2H), 7.28 (d, *J* = 8.5 Hz, 2H), 7.54 (s, 1H). **^{13}C-NMR** (100.6 MHz, CDCl3): δ 11.4, 20.7, 23.0, 26.7, 28.2, 31.6, 41.1, 85.3, 114.8 (2C), 128.1 (2C), 131.0, 131.8, 139.3, 147.4, 151.5, 164.2, 189.6. **HRMS** (FAB): calc. for $C_{19}H_{21}FO_2$: 300.1526, found: 300.1546 $[M]^+$.
5	(1*S*,7*E*,8a*S*)-7-benzylidene-1,2,3,4,6,7,8,8a-octahydro-5,8a-dimethyl-6-methylene-naphthalene-1-ol		**1** **2** **3** **4**	**Yield**: 39 % $[\alpha]_D^{20}$ = +29° (c = 1.01, $CHCl_3$) **^{1}H-NMR** (400 MHz, $CDCl_3$): δ 1.20 (s, 3H), 1.16-2.16 (m, 8H), 1.68 (s, 3H), 2.78 (brs, 1H), 3.28-3.35 (m, 1H), 5.09 (s, 1H), 5.34 (s, 1H), 6.31 (s, 1H), 7.06-7.38 (m, 5H). **HRMS** (FAB): calc. for $C_{20}H_{24}O$: 280.1827, found: 281.1891 $[M+H]^+$.