

## Supporting information

Samples were injected (1  $\mu$ L) on a GCMS-QP2010 (Shimadzu) via a split injector with 10:1 split ratio at 250°C with helium gas carrier on a HP-5ms, 30 m, 0.25 mm i.d., 0.25  $\mu$ m film column (Agilent Technologies). Detailed GC and MS parameters are listed in Supporting Information. Identification of compound was based on matching with NIST mass spectral library.

**Table S1.** GC-MS parameters

Column	HP-5ms, 30 m, 0.25 mm i.d., 0.25 $\mu$ m film
Injection volume	1 $\mu$ L
Split ratio	10:1
Carrier	He
Linear velocity	36.3 cm·sec <sup>-1</sup>
Injector temperature	250°C
Initial column temperature	150 °C (held for 10 min)
Heating rate of column	10°C·min <sup>-1</sup> to 300°C (held for 10 min)
Scan range	20-560 m/z
Ionization mode	EI
Solvent cut time	3 minutes
Ion Source temperature	230°C
Interface temperature	290°C