

Figure S1 (Supplementary information). Metabolic profile of (-)-AM1 with mouse microsomes after 30 min incubation

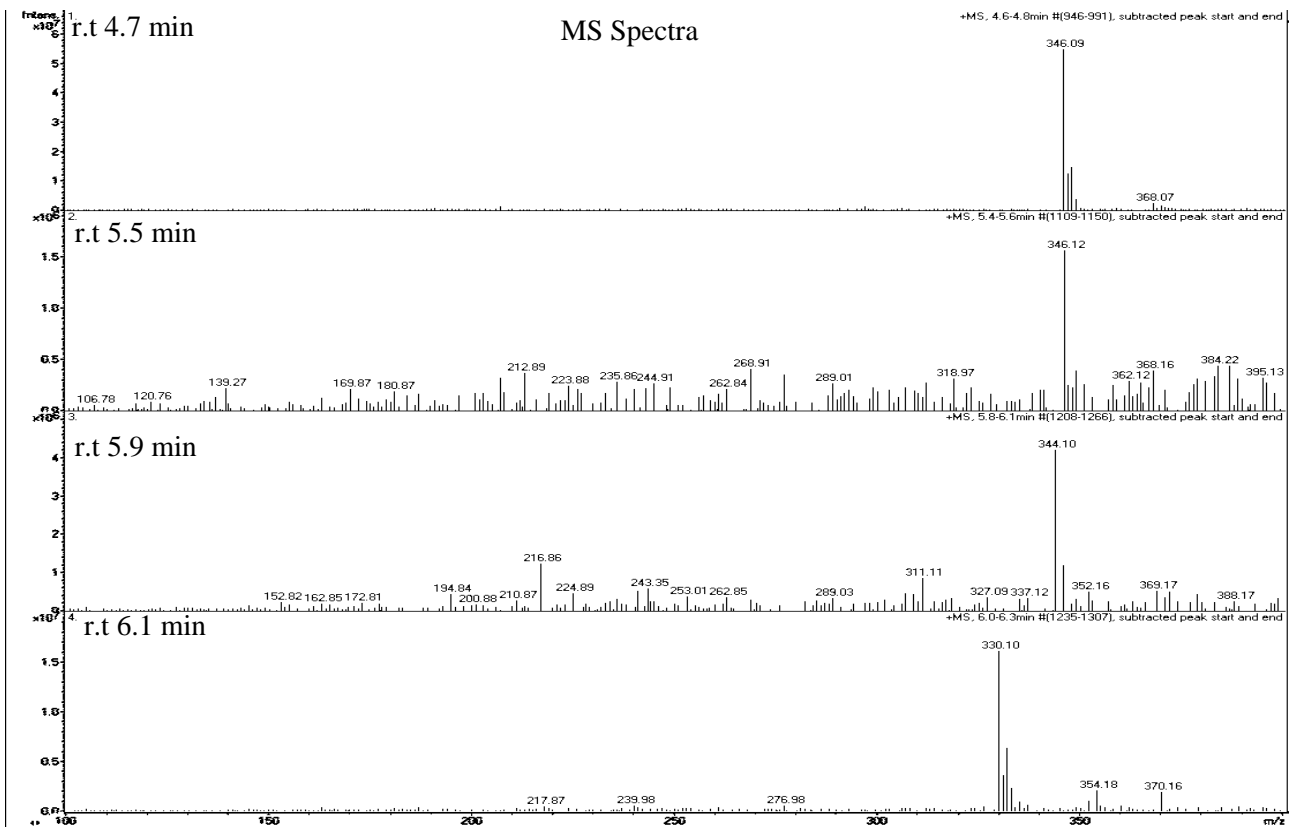
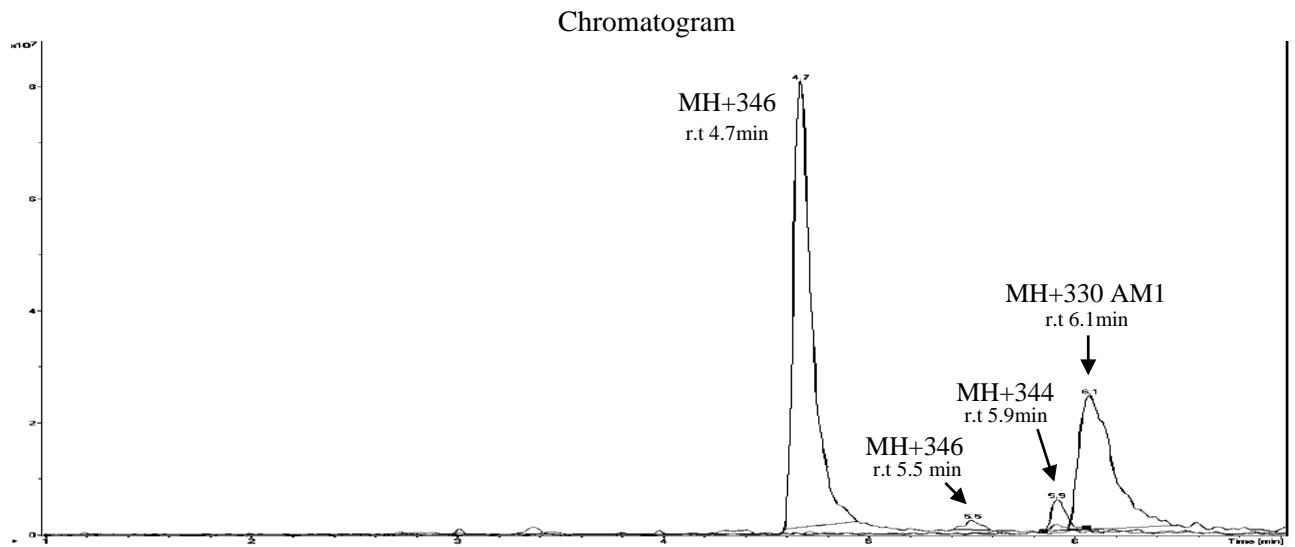


Figure S2 (Supplementary information). MS/MS spectra of the metabolite at 4.7 min MH+346 and attribution of the major fragments

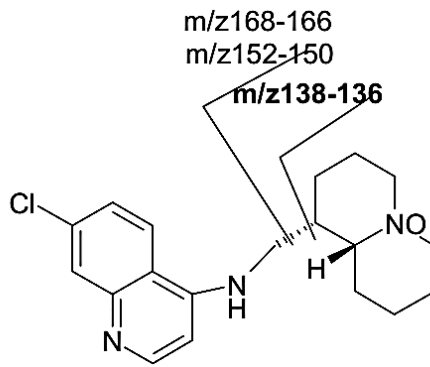
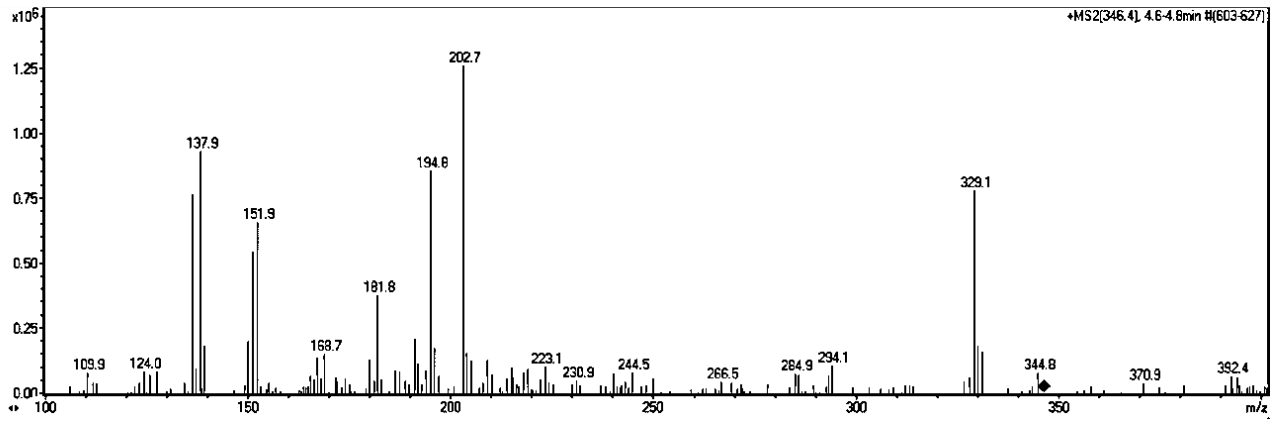


Figure S3 (Supplementary information). MS/MS spectra of the metabolite at 5.9min MH+344 and attribution of the major fragments

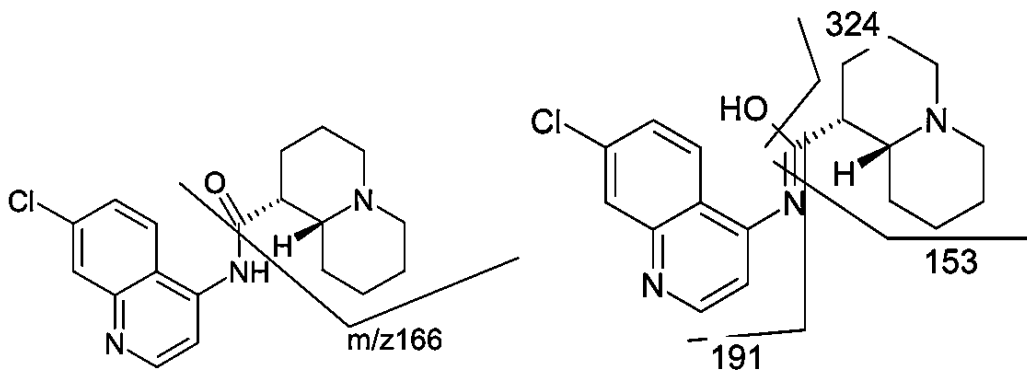
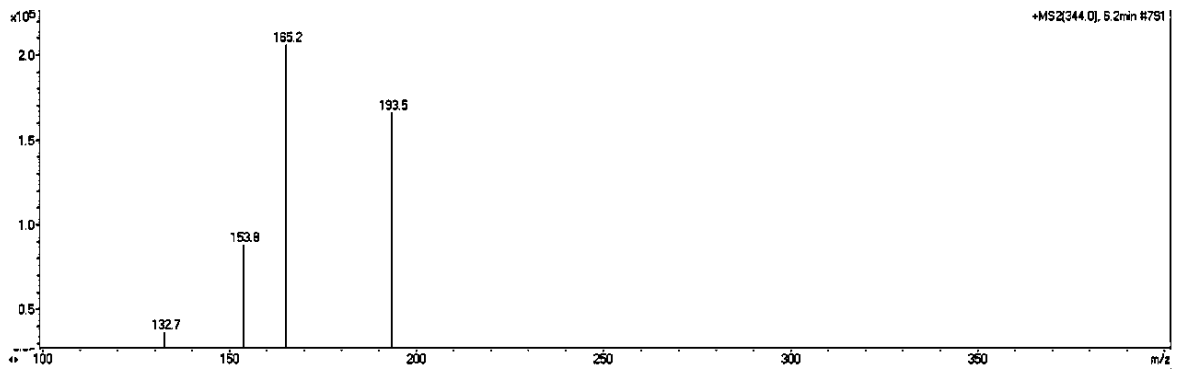


Figure S4 (Supplementary information). Metabolite profile of AM-1 in the mouse plasma after 120 min from oral administration of 50 mg/kg

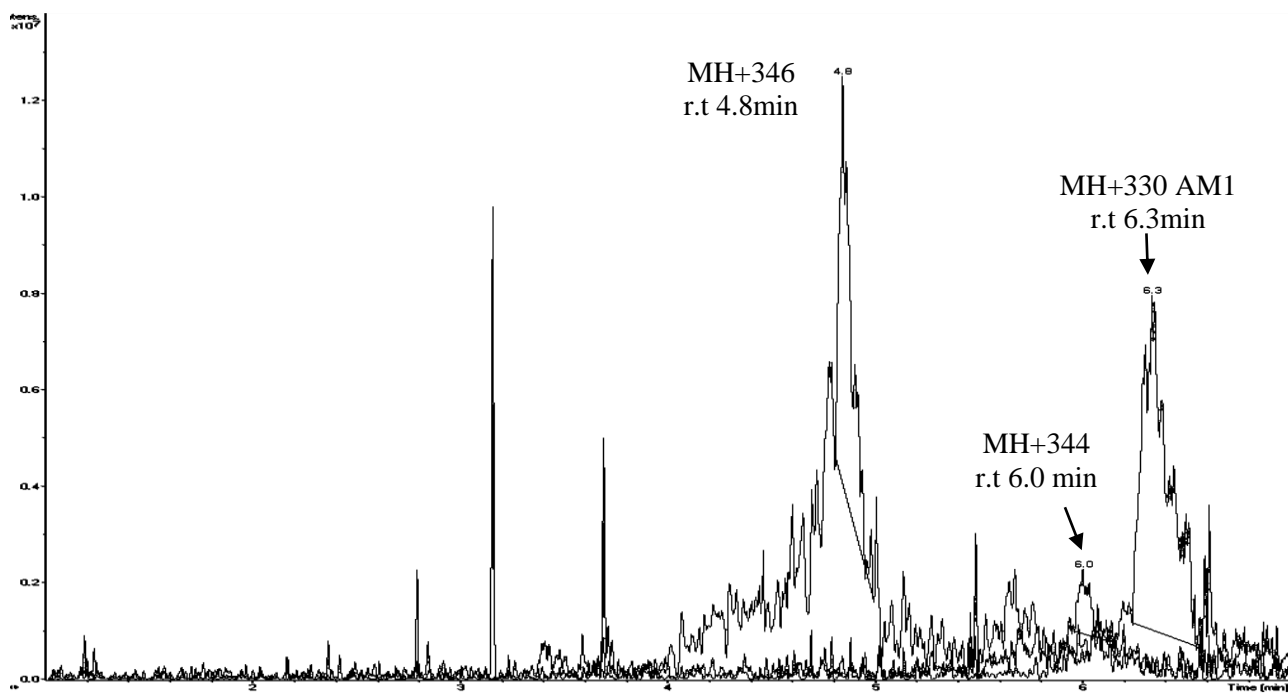
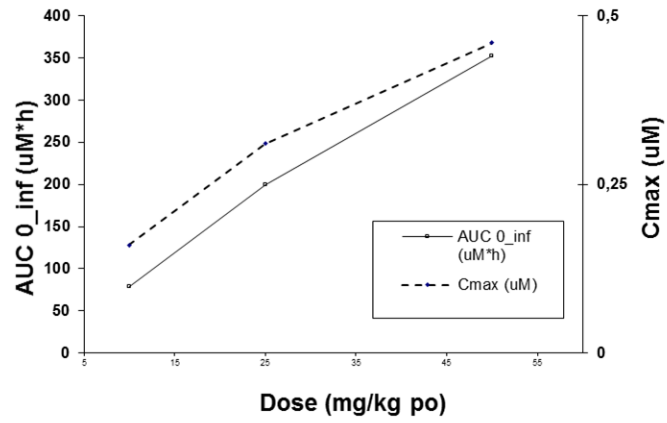


Figure S5. Pharmacokinetics of (-)-AM1 in mice: dose proportionality



*In vivo* PK experiments were performed with male CD-1 mice orally-treated by three doses (10, 25 and 50 mg/kg) of (-)-AM1, dissolved in SSV. Blood samples were collected at eight selected time-points (15, 30 and 60 min, 2, 4, 6, 8 and 24 h) under ethyl ether anaesthesia, and plasma samples analyzed by LC/MS/MS.