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

Chromatogram

MS Spectra

- r.t 4.7 min
- r.t 5.5 min
- r.t 5.9 min
- r.t 6.1 min
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 5.9 min 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.

MH+330 AM1
r.t 6.3min

MH+344
r.t 6.0 min

MH+346
r.t 4.8min
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.