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**Pharmacokinetic study of salvianolic acid A in beagle dog after oral administration by a liquid chromatography-mass spectrometry method: A study on bioavailability and dose proportionality**

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**Abstract**

***Ethnopharmacological relevance:*** Salvianolic acid A (SAA) is one of the main

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**Abbreviations:** SAA, salvianolic acid A; IS, internal standard; CH<sub>3</sub>CN, acetonitrile; MeOH, methanol; HCOOH, formic acid; HCl, hydrochloric acid; EtOAc, ethyl acetate; VC, Vitamin C; HPLC, high performance liquid chromatography; LC/MS/MS, liquid chromatography/tandem mass spectrometry; LC-MS, liquid chromatography-mass spectrometry; ESI, electrospray ionization; SIM, selected ion monitoring; QC, quality control; CV, coefficient of variation; CI, confidence interval;  $r$ , correlation coefficient; LOQ, the limit of quantification;  $C_{max}$ , the peak plasma concentration;  $T_{max}$ , time to reach  $C_{max}$ ; AUC, the area under the concentration-time curve;  $t_{1/2}$ , half life; MRT, mean residence time.

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