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Title: Determination and pharmacokinetic studies of artesunate and its metabolite in sheep plasma by liquid chromatography-tandem mass spectrometry

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1 Highlights

- 2 1. A LC-MS/MS method determining artesunate and its metabolite in sheep plasma.
- 3 2. A MRM method was employed with an ESI source in positive mode.
- 4 3. The method is simple, sensitive and accurate.
- 5 4. Successful study on the pharmacokinetics of artesunate nanoemulsion in the
- 6 sheep.
- 7 5. Artesunate nanoemulsion has an average emulsion droplet particle size of 60 nm.
- 8

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