Supporting Information to:

New Labdane Diterpenes from *Leonurus cardiaca*

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Determination of *in Vitro* Antimalarial and Cytotoxic Activities

The *in vitro* antimalarial activity of test samples was determined against two strains of *P. falciparum* (D6, chloroquine sensitive and W2, chloroquine resistant). The assay was based on the determination of plasmodial LDH activity using Malstat reagent and was performed in 96-well plates as described earlier [1]. The level of *in vitro* cytotoxicity of each sample was also determined towards the mammalian kidney fibroblast cell line (Vero) as described earlier [19], and the selectivity index (SI) was calculated as the ratio of IC$_{50}$ to Vero cells and IC$_{50}$ to *Plasmodium falciparum*. Two standard antimalarial agents, chloroquine and artemisinin, were used as positive controls, and DMSO was used as a vehicle control.

References

**Fig. 1S** Key HMBC (→) and ROESY (↔) for compound 2.
Fig. 2S Key HMBC (→) and ROESY (↔) for compound 3.
Fig. 3S $^1$H-$^1$H COSY spectra of 15-O-ethylleopersin C (1).
Fig. 4S HMQC spectra of 15-O-ethylleopersin C (1).
Fig. 5S HMBC spectra of 15-O-ethylleopersin C (1).
Fig. 6S ROESY spectra of 15-\textit{O}-ethylleopersin C (1).
Fig. 7S $^1$H-$^1$H COSY spectra of 15-O-methylleopersin C (2).
Fig. 8S HMQC spectra of 15-O-methylleopersin C (2).
Fig. 9S HMBC spectra of 15-O-methylleopersin C (2).
Fig. 10S ROESY spectra of 15-O-methyleopersin C (2).
Fig. 11S $^1$H-$^1$H COSY spectra of 15-epi-O-methyleopersin C (3).
Fig. 12S HMQC spectra of 15-epi-O-methylleopersin C (3).
Fig. 13S HMBC spectra of 15-epi-O-methyleopersin C (3).
Fig. 14S ROESY spectra of 15-epi-O-methylleopersin C (3).