## 1 In vivo antihyperglycemic effect of Ptilostemon casabonae (L.) Greuter leaf extract

- 2 and its liposomal formulation
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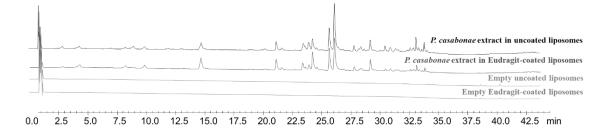
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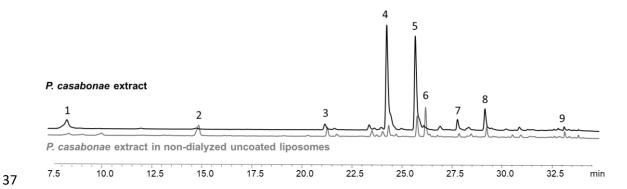
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**Table S1.** Data for quantification of the main compounds by HPLC-PDA: UV wavelength ( $\lambda$ ), linearity range, coefficient of determination R<sup>2</sup> and calibration curve equation are given.

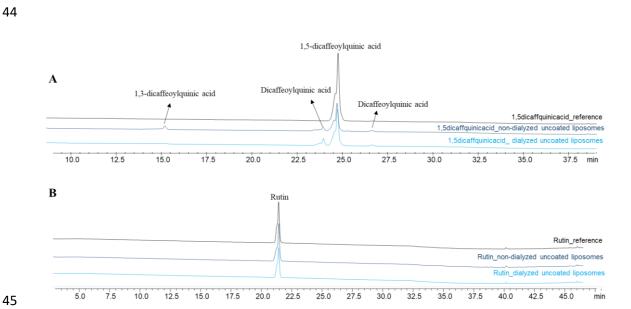
Compound	UV λ (nm)	Linearity range (µg/ml)	$\mathbb{R}^2$	Calibration curve equation	Compound quantified
Chlorogenic acid	325	0.1-1	0.9989	y=37082x + 488	Chlorogenic acid
Rutin	350	0.5-5	0.9993	y=25564x + 2954	Rutin
1,5-dicaffeoylquinic acid	330	0.1-10	0.9991	y=44470x + 4901	1,3-dicaffeoylquinic acid, 1,5-dicaffeoylquinic acid, succinyldicaffeoylquinic acid 1, succinyldicaffeoylquinic acid 2, succinyldicaffeoylquinic acid 3, succinylsuccinyldicaffeoylquinic acid
Apigenin	340	0.1-2.5	0.9999	y=57893x + 153	Apigenin



**Figure S1.** Comparison between the profile of *P. casabonae* extract in non-dialyzed uncoated and Eudragit-coated liposomes with empty liposomes, diluted in methanol ( $\lambda$ =330 nm).



**Figure S2.** Comparison between the profile of raw *P. casabonae* extract and *P. casabonae* extract in non-dialyzed uncoated liposomes, diluted in methanol. Peak numbers refer to Figure 1.



**Figure S3.** Comparison between the profile of standard reference in solution and standard reference in non-dialyzed and dialyzed uncoated liposomes, diluted in methanol. **A**, 1,5-dicaffeoylquinic acid; **B**, rutin.