

Pharmacokinetic Studies of Three Alkaloids in Rats After Intragastrical Administration of *Lycopodii Herba* Extract by LC–MS/MS

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1. Solution Stability

The solution stability was assessed by comparing whether there was any degradation in the solutions after storage for 24 h at room temperature and 4 weeks at 4 °C. The results of this assessment are summarized in Table S1.

Table S1. Stability of three alkaloids in solution under various conditions (n = 3).

Sample	Analytes	Concentration (ng/mL)	Stability			
			Short-Term		Long-Term	
			RE%	RSD%	RE%	RSD%
solution	LDL	2.0	−3.8	3.6	−3.1	7.6
		8.0	−4.4	3.7	−2.3	1.1
		60	3.0	2.1	−3.2	2.1
	OSR	4.0	5.3	3.2	3.9	2.2
		16	−4.6	2.6	−3.9	7.0
		45	5.6	2.9	4.7	3.1
	DOR	1.0	−4.8	6.8	4.9	5.8
		6.0	−5.4	7.0	−5.1	2.7
		60	4.4	3.5	2.3	4.0

2. Simultaneous determination of three alkaloids from *L. Herba* Extract by LC–MS/MS

Chromatographic separation was performed using the mobile phase of 0.05% formic acid (A) and methanol (B) via gradient elution. The program was performed as follows: 0–0.8 min, 82% A; 1.0–8.5 min, 70% A; 9.0–14.0 min, 82% A. The flow rate was kept at 0.2 mL/min.

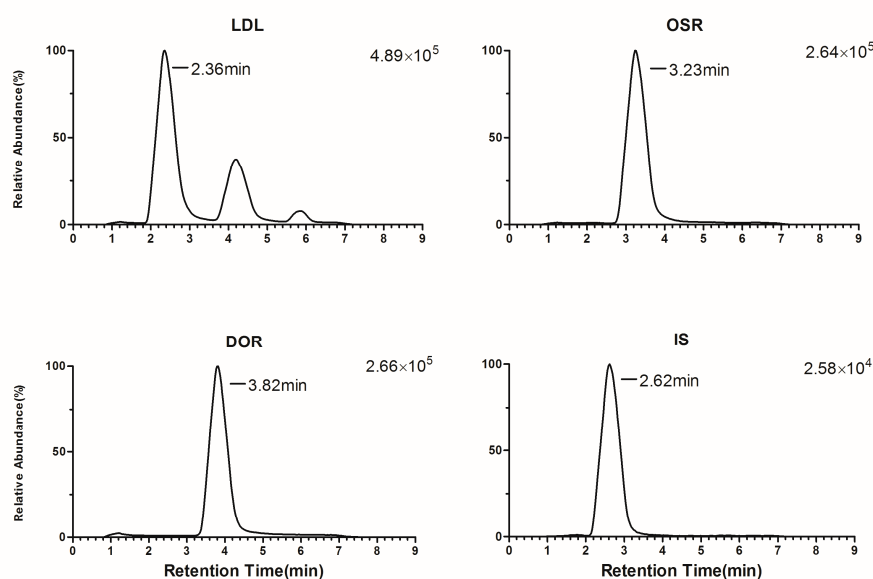


Figure S1. Typical chromatograms of three alkaloids and IS in *L. Herba* extract.