Supplementary Materials: Comparative Pharmacokinetics Study of Icariin and Icariside II in Rats

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Table S1. Pharmacokinetic parameters of ICA after oral administration of ICA dissolved in different solvents at 30 mg/kg (Mean ± SD, n = 4).

Parameters	ICA Solution Prepared by PEG400	ICA Solution Prepared by HS 15 Mixed Solution
T_{max} (min)	30.1 ± 12.2	18.8 ± 7.5
C_{max} (ng/mL)	24.7 ± 15.4	20.1 ± 13.7
$t_{1/2z}$ (min)	152.7 ± 103.3	93.1 ± 22.1
CL (L/min/kg)	46.8 ± 16.9	43.2 ± 10.9
MRT_{0-t} (min)	75.9 ± 17.4	85.2 ± 14.6
$MRT_{0-\infty}$ (min)	109.1 ± 26.0	99.9 ± 22.1
AUC_{0-t} (ng/mL × min)	664.4 ± 214.2	699.4 ± 159.9
$AUC_{0-\infty}$ (ng/mL × min)	700.0 ± 220.7	724.6 ± 164.3

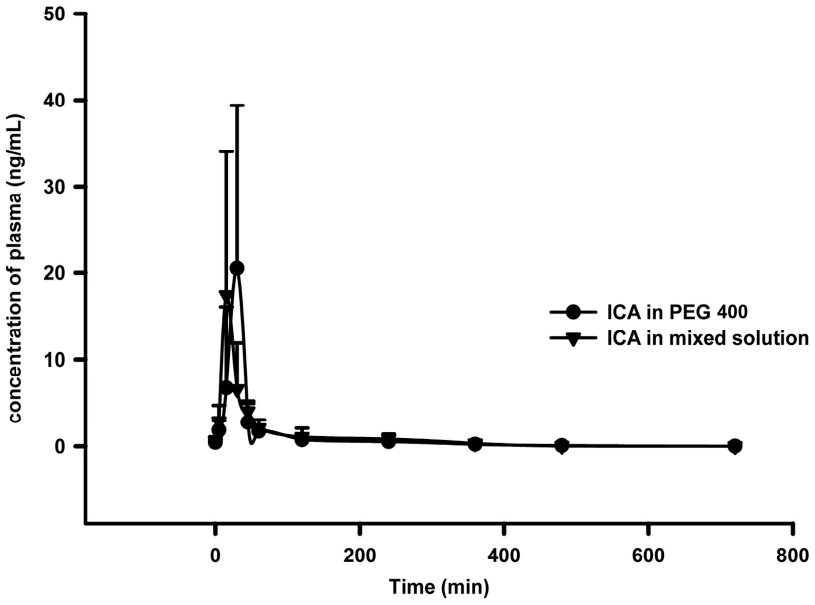

Figure S1. Mean plasma concentration-time curves of ICA in normal rats after oral administration of ICA dissolved in PEG400 and a mixed solution consisted of Solutol HS 15, PEG 400 and water (15:15:70) (n = 4).