

Table S1. LAP and LAP sodium salt pharmacokinetic parameters determined by non-compartmental and compartmental approaches after i.v. administration of 2 mg/kg in Wistar rats

Pharmacokinetic Parameters	LAP		LAP sodium salt	
	NCA	2-Comp	NCA	2-Comp
a ($\mu\text{g/mL}$)	-	10.0 \pm 4.1	-	11.0 \pm 14.7
b ($\mu\text{g/mL}$)	-	8.8 \pm 3.1	-	9.8 \pm 1.9
α (h^{-1})	-	1.76 \pm 1.52	-	8.6 \pm 6.8
β (h^{-1})	-	0.19 \pm 0.03	-	0.20 \pm 0.03
λ (h^{-1})	0.18 \pm 0.04	-	0.30 \pm 0.11	
$t_{1/2\alpha}$ (h)	-	0.6 \pm 0.4	-	0.19 \pm 0.16
$t_{1/2\beta}$ (h)	-	3.7 \pm 0.5	-	3.5 \pm 0.5
$t_{1/2}$ (h)	4.1 \pm 1.1	-	2.5 \pm 0.8	-
AUC _{0-∞} ($\mu\text{g h/mL}$)	56.1 \pm 20.1	56.4 \pm 21.6	54.5 \pm 26.8	50.8 \pm 11.8
CL _{tot} (L/kg)	0.04 \pm 0.01	0.04 \pm 0.01	0.04 \pm 0.02	0.04 \pm 0.01
Vc (L/kg)	-	0.11 \pm 0.03	-	0.12 \pm 0.06
Vd _{ss} (L/kg)	0.19 \pm 0.03	0.17 \pm 0.03	0.29 \pm 0.17	0.20 \pm 0.04
MRT (h)	5.3 \pm 1.2	-	6.5 \pm 4.1	4.9 \pm 0.8

LAP sodium salt (n =6); LAP (n = 7).