Fig. S1 Mean plasma concentration-time profiles of the total of the hydrolyzed ginkgolides and lactones after a single intravenous infusion of

Ginkgo Diterpene Lactone Meglumine Injection (containing 25 mg ginkgolides) to 3 healthy male Chinese volunteers (n = 3):

(A) ginkgolide A;

(B) ginkgolide B;

(C) ginkgolide K.

Table S1 Summary of precision and accuracy of quality control sample added to the normal human plasma (n = 6).

Analytes	Spiked conc. (ng/mL)	Intra-day precision (%, RSD)	Intra-day accuracy (%, RE)	Inter-day precision (%, RSD)	Inter-day accuracy (%, RE)
ginkgolide A	0.600	6.6	6.3	6.6	7.8
	80.0	1.3	3.5	4.4	0.4
	160	2.1	5.6	5.9	-1.9
ginkgolide B	0.600	6.8	6.2	7.3	1.0
	80.0	2.0	-0.3	3.8	-0.5
	160	3.6	0.0	4.1	-4.4
ginkgolide K	0.568	9.1	0.4	11.6	1.9
	75.7	4.1	1.7	3.6	1.5
	151	3.6	-3.3	3.4	-6.0

Table S2 Dilution integrity for the analytes in human plasma (n=5).

Analytes	Spiked concentration (ng/mL)	dilution factor	Measured concentration (ng/mL)	accuracy(%, RE)	precision(%, RSD)
ginkgolide A	400	10	385 ± 27.7	-3.8	7.2
ginkgolide B	400	10	402 ± 41.6	0.5	10.4
ginkgolide K	378	10	344 ± 29.7	-9.0	8.6

Table S3 Pharmacokinetic parameters of the total of the hydrolyzed ginkgolides and lactones following intravenous infusion of Ginkgo Diterpene Lactone Meglumine Injection (n = 3, mean ± SD).

Parameters	Unit	ginkgolide A	ginkgolide B	ginkgolide K
C_{max}	ng/mL	685±160	605±87.2	45.7±25.4
T_{max}	h	3.33	3.28	3.28
$t_{1/2}$	h	9.77±3.16	11.3±0.949	1.32±0.155
$AUC_{(0-t)}$	ng·h/mL	3303±403	2950±675	129±68.5
$AUC_{(0-\infty)}$	ng·h/mL	3313±410	2972±679	130±68.7
CL	mL/h	2590±300	5043±1083	10430±7871
$MRT_{(0-t)}$	h	4.50±0.195	7.67±1.22	1.31±0.100