

**Disposition of Radioactivity 72 Hours Following Oral Gavage Administration
of 100 mg/kg [¹⁴C]Kawain to Male F-344 Rats (Group 2)^a**

Dose Recovered in Excreta (%)

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	Total CPDE
8	31.1 ± 5.3	c	31.1 ± 5.3
24	62.2 ± 4.7	6.9 ± 3.9	69.1 ± 6.7
48	71.1 ± 2.9	13.1 ± 2.7	84.2 ± 3.0
72	76.8 ± 1.2	13.8 ± 2.7	90.6 ± 2.5

Distribution in Tissues (72 hours)

Tissue	ng-eq Kawain per g Tissue	Tissue/Blood Ratio	% Dose in Total Tissue
Adipose	439 ± 363	0.390 ± 0.379	0.0417 ± 0.0358
Blood	1240 ± 243	Unity	0.0810 ± 0.0136
Brain	38.8 ± 4.71	0.0317 ± 0.0039	0.0003 ± 0.0000
Heart	309 ± 30.5	0.253 ± 0.038	0.0009 ± 0.0001
Kidney	2370 ± 153	1.95 ± 0.35	0.0175 ± 0.0008
Liver	3150 ± 266	2.58 ± 0.42	0.129 ± 0.006
Lung	497 ± 34	0.408 ± 0.061	0.0018 ± 0.0001
Muscle	121 ± 15	0.101 ± 0.028	0.0432 ± 0.0065
Skin	622 ± 155	0.505 ± 0.132	0.104 ± 0.026
Total in Tissues	–	–	0.420 ± 0.0590

^aAll values expressed as mean ± standard deviation (SD) (N = 4). The target dose was 100 mg kawain/kg body weight.

^bCPDE = Cumulative percent dose excreted.

^cThe first feces collection was at 24 hours (h).