

Table S1. Tissue Concentrations (ng-eq/g tissue) of Radioactivity 24 and 72 Hours following Oral or Intravenous Administration of [¹⁴C]TCPME to Male and Female Harlan Sprague Dawley Rats^a

Tissue	Male 100 mg/kg (Oral) 72 h	Male 10 mg/kg (Oral) 72 h	Male 1mg/kg (Oral) 72 h	Female 10 mg/kg (Oral) 72 h	Male 10 mg/kg (Oral) 24 h	Male 10 mg/kg (IV) 72 h	Female 10 mg/kg (IV) 72 h
Adipose Perirenal	1040000 ± 217000	58800 ± 20800	6280 ± 1410	64500 ± 18800	38600 ± 8280	111000 ± 54600	72400 ± 33000
Bladder	69100 ± 43200	3590 ± 2930	529 ± 494	5020 ± 5430	4440 ± 1960	3780 ± 696	4860 ± 2980
Muscle (hind leg)	19000 ± 9300	2030 ± 1390	88.8 ± 7.64	787 ± 239	3410 ± 644	2710 ± 3010	989 ± 216
Skin (abdominal)	185000 ± 44200	17800 ± 3500	1880 ± 847	17500 ± 3720	12600 ± 2390	18600 ± 3000	19700 ± 3530
Blood	4150 ± 639	224 ± 36	18.8 ± 3.86	182 ± 32.3	756 ± 120	432 ± 116	334 ± 43.5
Plasma	7460 ± 1200	386 ± 61.7	32 ± 6.32	284 ± 34.6	1250 ± 228	758 ± 164	593 ± 91.7
Spleen	13900 ± 3720	1020 ± 456	74.4 ± 22.5	1100 ± 358	1730 ± 248	1380 ± 258	1830 ± 490
Liver	118000 ± 27800	6010 ± 620	464 ± 131	3370 ± 587	15000 ± 4260	7750 ± 2130	4340 ± 1050
Kidney	28300 ± 6170	1920 ± 678	251 ± 245	1600 ± 765	5860 ± 1950	4590 ± 2680	2750 ± 388
Brain	24700 ± 1450	1340 ± 330	110 ± 24.3	1200 ± 326	4140 ± 620	1450 ± 379	1160 ± 198
Heart	30800 ± 3640	1540 ± 491	158 ± 35.1	1680 ± 417	4240 ± 731	2130 ± 487	2110 ± 742
Lung	24200 ± 4110	2400 ± 1480	169 ± 70.8	1740 ± 718	3800 ± 1030	6080 ± 3230	1690 ± 652
Stomach	76300 ± 8540	3600 ± 521	438 ± 162	4890 ± 2100	4870 ± 445	4560 ± 423	4530 ± 1530
Cecum	121000 ± 16600	8410 ± 5820	1010 ± 204	7670 ± 1600	5580 ± 2070	6320 ± 2000	7930 ± 4030
Large Intestine	84800 ± 18500	4640 ± 1260	700 ± 216	4440 ± 1390	4570 ± 911	6270 ± 1760	5890 ± 2070
Small Intestine	98900 ± 14900	6420 ± 2760	776 ± 212	6810 ± 1080	5260 ± 1240	9100 ± 6570	8900 ± 1910
Thyroid	79700 ± 26700	6050 ± 2900	903 ± 332	6130 ± 2190	14600 ± 3960	5430 ± 1300	6950 ± 2810
Pancreas	241000 ± 63400	16700 ± 5430	2660 ± 776	20600 ± 11800	17100 ± 6070	11900 ± 2060	21100 ± 9150
Testes	20300 ± 872	1880 ± 695	123 ± 28.1	NA ^b	2420 ± 406	1710 ± 350	NA
Ovaries	NA	NA	NA	13100 ± 2840	NA	NA	18300 ± 8560
Uterus with Fallopian Tubes	NA	NA	NA	3460 ± 1560	NA	NA	9660 ± 11000

^aMean (±SD) for N= 4, except female IV group where N=3. ^bNA. = not applicable