Distribution of Radioactivity Through 72 Hours Following Oral Gavage Administration of 0.2 mg/kg [^{14}C]Dibromoacetonitrile to Male B6C3F$_1$ Mice – Group 4

Dose Recovered in Excreta (%)[a]

End of Collection Period (h)	Urine CPDE[b]	Feces CPDE	CO_2 CPDE	Volatile Breath CPDE	Total CPDE
8	0.00 ± 0.00	NC[d]	11.5 ± 1.0	1.15 ± 0.41	12.7 ± 1.0
24	42.6 ± 10.3	9.75 ± 4.07	13.1 ± 1.1	1.60 ± 0.57	67.0 ± 6.0
48	50.0 ± 10.2	11.3 ± 4.6	14.0 ± 1.1	1.65 ± 0.58	77.0 ± 5.3
72[c]	59.8 ± 9.3	12.7 ± 5.0	14.6 ± 1.1	1.66 ± 0.59	88.7 ± 3.8

Distribution in Tissues (72 hours)[a]

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	TBR[e] Mean	TBR SD	% Dose in Total Tissue Mean	% Dose in Total Tissue SD
Adipose	3.1	0.5	0.41	0.09	0.14	0.03
Blood	7.8	0.7	unity	–	0.28	0.03
Brain	2.30	0.31	0.296	0.049	0.0195	0.0026
Heart	5.6	0.8	0.72	0.13	0.015	0.003
Kidney	23.2	2.5	3.00	0.56	0.175	0.021
Liver	34.7	4.8	4.44	0.51	0.819	0.078
Lung	9.36	1.52	1.21	0.28	0.0304	0.0038
Muscle	3.0	0.6	0.40	0.12	0.64	0.15
Skin	3.8	0.6	0.49	0.11	0.26	0.048
Spleen	6.7	0.5	0.86	0.12	0.011	0.002
Testis	3.80	0.74	0.494	0.132	0.0150	0.0021
Total in Tissues	–	–	–	–	**2.41**	**0.27**

[a] All values expressed as mean ± standard deviation (SD) (N = 4).
[b] CPDE = Cumulative percent dose excreted.
[c] 72 hour (h) urine collection includes cage rinse.
[d] NC = Not collected
[e] TBR = Tissue/Blood ratio.