Distribution of Radioactivity Through 72 Hours Following Oral Gavage Administration of 20 mg/kg [^{14}C]Dibromoacetonitrile to Male F-344 Rats – Group 2

Dose Recovered in Excreta (%)[a]

End of Collection Period (h)	Urine CPDE[b]	Feces CPDE	CO_2 CPDE	Volatile Breath CPDE	Total CPDE
8	27.8 ± 8.0	NC[d]	6.75 ± 0.42	0.384 ± 0.042	34.9 ± 7.6
24	58.9 ± 5.5	9.23 ± 3.42	10.2 ± 0.5	1.11 ± 0.24	80.0 ± 3.7
48	63.9 ± 4.4	10.3 ± 3.4	11.7 ± 0.5	1.39 ± 0.31	87.3 ± 1.6
72[c]	65.8 ± 4.6	10.7 ± 3.5	12.3 ± 0.5	1.47 ± 0.32	90.2 ± 1.0

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	481	200	0.145	0.058	0.172	0.071
Blood	3330	301	Unity	–	0.888	0.081
Brain	434	12	0.131	0.014	0.017	0.002
Heart	1370	74	0.412	0.034	0.0226	0.0026
Kidney	3560	84	1.08	0.11	0.142	0.007
Liver	10800	617	3.25	0.40	2.06	0.07
Lung	2010	226	0.608	0.082	0.0427	0.0079
Muscle	578	62	0.175	0.029	1.42	0.15
Skin	1160	283	0.356	0.121	1.01	0.24
Spleen	2180	139	0.659	0.070	0.0266	0.0028
Testis	490	39	0.148	0.020	0.0304	0.0046
Total in Tissues	–	–	–	–	**5.83**	**0.39**

[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.