

**Distribution of Radioactivity Through 72 Hours Following Intravenous Administration of
2 mg/kg [¹⁴C]Dibromoacetonitrile to Male B6C3F1 Mice – Group 7**

Dose Recovered in Excreta (%)^a

End of Collection Period (h)	Urine CPDE ^b	Feces CPDE	CO ₂ CPDE	Volatile Breath CPDE	Total CPDE
8	6.5 ± 11.3	NC ^d	6.46 ± 0.18	0.707 ± 0.070	13.7 ± 11.3
24	19.7 ± 18.0	19.2 ± 22.9	8.07 ± 0.49	0.915 ± 0.090	47.9 ± 9.2
48	27.3 ± 23.8	21.5 ± 24.7	9.09 ± 0.84	0.972 ± 0.099	58.9 ± 3.6
72 ^c	38.8 ± 32.0	23.2 ± 25.5	9.74 ± 1.11	0.999 ± 0.100	72.8 ± 7.7

Distribution in Tissues (72 hours)^e

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	TBR ^f Mean	TBR SD	% Dose in Total Tissue Mean	% Dose in Total Tissue SD
Adipose	200	37	0.342	0.046	0.881	0.173
Blood	584	55	Unity	–	1.99	0.13
Brain	378	122	0.639	0.143	0.331	0.062
Heart	386	62	0.659	0.052	0.0912	0.0058
Kidney	544	130	0.925	0.160	0.373	0.048
Liver	389	103	0.662	0.132	0.782	0.158
Lung	625	51	1.07	0.13	0.189	0.014
Muscle	210	38	0.357	0.034	4.19	0.35
Skin	139	30	0.236	0.033	0.890	0.098
Spleen	330	108	0.559	0.148	0.0358	0.0127
Testis	145	30	0.246	0.028	0.0543	0.0077
Total in Tissues	–	–	–	–	9.81	0.79

^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 All values expressed as mean ± standard deviation (SD) (N = 3).

^f TBR = Tissue/Blood ratio.