Distribution of Radioactivity in Tissues 24 Hours Following Oral Gavage Administration of 2 mg/kg [^{14}C]Dibromoacetonitrile to Male B6C3F$_1$ Mice – Group 9

Distribution in Tissues (24 hours)[a]

Tissue	ng-eq per g Tissue Mean	ng-eq per g Tissue SD	TBR[d] Mean	TBR SD	% Dose in Total Tissue Mean	% Dose in Total Tissue SD
Adipose	72.6	21.7	0.518	0.105	0.326	0.081
Blood	138	14	Unity	–	0.486	0.029
Brain	33.8	0.9	0.246	0.021	0.0275	0.0029
Heart	90.4	10.7	0.652	0.015	0.0187	0.0002
Kidney	418	29	3.03	0.29	0.279	0.041
Liver	748	28	5.45	0.71	1.88	0.27
Lung	302	206	2.10	1.22	0.0758	0.0454
Muscle	54.7	9.6	0.396	0.064	1.13	0.14
Skin	67.8	6.9	0.494	0.080	0.458	0.076
Spleen	154	4	1.12	0.010	0.0170	0.0043
Testis	53.9	2.5	0.392	0.041	0.0174	0.0001
Stomach[b]	–	–	–	–	3.03	0.78
Small Intestine[b]	–	–	–	–	0.607	0.065
Cecum[b]	–	–	–	–	0.131	0.035
Large Intestine[b]	–	–	–	–	0.132	0.102
Carcass[c]	–	–	–	–	0.51	0.64
Total in Tissues and Carcass[c]	–	–	–	–	**9.13**	**0.27**

[a] All values expressed as mean ± standard deviation (SD) (N = 3).
[b] includes contents
[c] Carcass corrected for radioacitivity associated with blood, skin, adipose, and muscle.
[d] TBR = Tissue/Blood ratio.