

Distribution of Radioactivity 72 Hours<sup>a</sup> Following Single Gavage Administration of 100 mg/kg  
[14C]2,2-Bis(bromomethyl)-1,3-propanediol to Fasted Male Fischer-344 Rats

Percentage of Dose Recovered in Tissues and Excreta After 1 Administration

Sample	% Dose Recovered Mean	% Dose Recovered SD
Adipose tissues	0.13	0.05
Bladder	0.00	0.00
Bladder urine	0.02	0.02
Blood	0.20	0.02
Brain	N.D.	-
Cecum	0.01	0.00
Cecum contents	0.10	0.05
Cecum rinse	0.01	0.01
Heart	0.00	0.00
Intestine	0.05	0.03
Intestine contents	0.18	0.06
Kidneys	0.01	0.00
Liver	0.05	0.01
Lung	0.00	0.00
Muscle	0.20	0.03
Skin	0.11	0.02
Spleen	0.00	0.00
Stomach	0.00	0.00
Stomach contents	0.00	0.00
Testes	0.00	0.00
GI tract tissues	0.07	0.03
GI tract contents	0.29	0.12
<b>Tissues total</b>	<b>0.89</b>	<b>0.18</b>
Urine	58.05	4.28
Cage rinse	22.73	5.20
Feces	9.68	1.93
<b>Excreta total</b>	<b>90.46</b>	<b>1.49</b>
<b>Total recovery</b>	<b>91.56</b>	<b>1.67</b>

<sup>a</sup>Time after administration

N = 4.

N.D. not determined.

SD = standard deviation.

Animals were fasted 12 hours before dose. Food was returned 2 hours after dosing.

Adipose tissues were pooled from kidney, mesentery, and thoracic adipose depots.

Total masses for adipose (11%), muscle (50%), and skin (16%) were calculated based on percent of body weight, as reported by Birnbaum, et al. (1980) Toxicology and Applied Pharmacology. 55: 342-352.