

**Disposition of Radioactivity 48 Hours Following Single Intravenous Administration of 20 mg/kg [<sup>14</sup>C]1-Bromopropane to Male Fischer 344 Rats Pretreated with Buthionine Sulfoximine or 1-Aminobenzotriazole (Studies G and H)**

% Dose Recovered in Excreta and Carcass<sup>a,b</sup>

Sample	BSO Pretreatment % Dose Recovered Mean ± SD <sup>c</sup>	1-ABT Pretreatment % Dose Recovered Mean ± SD
Urine	13.8 ± 0.8	9.8 ± 0.9
Feces	0.4 ± 0.0	0.2 ± 0.0
VOC	51.7 ± 1.7	76.1 ± 4.1
CO <sub>2</sub>	17.8 ± 0.3	4.0 ± 0.3
Carcass <sup>d</sup>	2.4 ± 0.2	0.8 ± 0.0
<b>Total % Dose Recovered</b>	<b>86.2 ± 2.2</b>	<b>90.9 ± 5.1</b>

<sup>a</sup> Four rats were pretreated orally with DL-buthionine (S,R) – sulfoximine (BSO) for 3 days, 1000 mg/kg/day prior to intravenous administration of 20 mg/kg 1-bromopropane (Study G). Actual dose was 24.0 ± 1.0 mg/kg [<sup>14</sup>C]1-bromopropane (28.4 ± 0.7 µCi/rat).

<sup>b</sup> Four rats were pretreated with an intraperitoneal dose of 50 mg/kg of 1-aminobenzotriazole (1-ABT) 2 hours prior to 20 mg/kg intravenous administration of 1-bromopropane (Study H). Actual dose was 24.2 ± 1.6 mg/kg [<sup>14</sup>C]1-bromopropane (28.6 ± 0.6 µCi/rat).

<sup>c</sup> SD = standard deviation

<sup>d</sup> Carcass values include liver and blood.

Concentration of Radiolabel in Liver with BSO or 1-ABT Pretreatment (48 hours)<sup>a,b</sup>

Treatment	ng-eq per g tissue	Tissue/Blood Ratio	Percent Dose in Total Tissue
Naïve <sup>c</sup>	4072 ± 1107	3.12 ± 0.82	0.602 ± 0.193
BSO	2380 ± 171	2.64 ± 0.37	0.331 ± 0.025
1-ABT	461 ± 30	1.00 ± 0.08	0.071 ± 0.005

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<sup>b</sup> Four rats were pretreated with an intraperitoneal dose of 50 mg/kg of 1-aminobenzotriazole (1-ABT) 2 hours prior to 20 mg/kg intravenous administration of 1-bromopropane (Study H). Actual dose was 24.2 ± 1.6 mg/kg [<sup>14</sup>C]1-bromopropane (28.6 ± 0.6 µCi/rat).

<sup>c</sup> Data from Study F in which animals without pretreatment were administered 20 mg/kg 1-bromopropane via tethered cannulae.