

Study Number: C20292-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

R07: Hormone Summary
Test Compound: 1,2-Bis(2,4,6-tribromophenoxy)ethane
CAS Number: 37853-59-1

Date Report Requested: 04/08/2019
Time Report Requested: 10:09:27
Lab: Battelle

C Number: C20292-01
Study Gender: Male
PWG Approval Date: See web page for date of PWG Approval

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Male: Core Males

Terminal Sacrifice	Treatment Groups (mg/kg)			
	0	0.07	0.69	6.88
SD 5 - 5 Thyroid Stimulating Hormone (ng/mL)	18.7 ± 2.6 (6)	18.2 ± 2.2 (6)	18.0 ± 3.0 (6)	17.7 ± 2.3 (6)
SD 5 - 5 Triiodothyronine (ng/dL)	148.417 ± 13.900 (6)	129.833 ± 5.986 (6)	138.683 ± 11.890 (6)	139.917 ± 7.532 (6)
SD 5 - 5 Free Thyroxine (ng/dL)	1.387 ± 0.147 (6)	1.530 ± 0.108 (6)	1.788 ± 0.250 (6)	1.320 ± 0.090 (6)
SD 5 - 5 Total Thyroxine (ug/dL)	5.67 ± 0.22 (6)**	6.40 ± 0.23 (6)	6.10 ± 0.43 (6)	5.68 ± 0.13 (6)

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Terminal Sacrifice	Treatment Groups (mg/kg)	
	68	680
SD 5 - 5 Thyroid Stimulating Hormone (ng/mL)	19.3 ± 3.6 (6)	18.9 ± 2.5 (5)
SD 5 - 5 Triiodothyronine (ng/dL)	139.833 ± 13.907 (6)	146.740 ± 7.846 (5)
SD 5 - 5 Free Thyroxine (ng/dL)	1.377 ± 0.105 (6)	1.317 ± 0.151 (6)
SD 5 - 5 Total Thyroxine (ug/dL)	5.23 ± 0.29 (6)	5.02 ± 0.21 (6)

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

SD – Study Day

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests (unless otherwise noted).

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

Statistical significance for the control group indicates a significant trend test

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****