| | |
|---|---|
| **Study Number:** | C10674 |
| **Study Gender:** | Male |
| **PWG Approval Date:** | See web page for date of PWG Approval |
| **Version:** | v1.1.5 |

**Study Number:** C10674
**Test Type:** TOX
**Route:** Oral Gavage
**Species/Strain:** Rat/Harlan Sprague Dawley

**R07: Hormone Summary**
**Test Compound:** 2-Ethylhexyl Diphenyl Phosphate
**CAS Number:** 1241-94-7

**Date Report Requested:** 01/07/2021
**Time Report Requested:** 13:58:10
**Lab:** NTP

**Male: Original Animals**

| Terminal Sacrifice | | Treatment Groups (mMol/kg) | | | |
|---|---|---|---|---|---|
| | | **0** | **0.169** | **0.338** | **0.675** |
| SD 4 - 4 | Total Thyroxine (ug/dL) | 3.97 ± 0.23 (4) | 4.71 ± 0.47 (3) | 3.77 ± 0.28 (4) | 4.02 ± 0.16 (5) |
| SD 4 - 4 | Cholinesterase (IU/L) | 291.3 ± 9.4 (4) ** | 200.3 ± 15.6 (3) * | 196.0 ± 10.5 (4) * | 164.8 ± 19.8 (5) ** |

**Male: Original Animals**

| Terminal Sacrifice | | Treatment Groups (mMol/kg) | |
|---|---|---|---|
| | | **1.35** | **2.7** |
| SD 4 - 4 | Total Thyroxine (ug/dL) | 3.86 ± 0.53 (4) | 3.47 ± 0.43 (3) |
| SD 4 - 4 | Cholinesterase (IU/L) | 149.0 ± 11.2 (4) ** | 133.7 ± 8.1 (3) ** |

LEGEND

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Data are displayed as mean ± SEM (N) unless otherwise noted.
SD – Study Day
Statistical analysis were performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.
Statistical significance for the control group indicates a significant trend test
Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group
* Statistically significant at P <= 0.05
** Statistically significant at P <= 0.01

** END OF REPORT **