

供試動物: CD (SD) IGS未成熟雌ラット(20日齢、6匹/群)

投与期間及び投与経路

・被験物質: 0 (Vehicle)、100、400、800 mg/kg/dayを3日間皮下投与

・EE (エチニルエストラジオール): 0.6 µg/kg/dayを3日間皮下投与

・TMX (Tamoxifen): 1 mg/kg/dayを3日間皮下投与

| Chemicals                   | Groups<br>(mg/kg/day) | Body weight (g) | Absolute Organ weight (mg) |                    | Relative Organ weight (mg/100g) |                    |
|-----------------------------|-----------------------|-----------------|----------------------------|--------------------|---------------------------------|--------------------|
|                             |                       |                 | Uterus wet wt.             | Uterus blotted wt. | Uterus wet wt.                  | Uterus blotted wt. |
| Diphenyl-p-phenylenediamine | Vehicle control       | 52.8 ± 3.4      | 25.0 ± 2.9                 | 24.6 ± 2.8         | 47.4 ± 5.7                      | 46.6 ± 5.5         |
|                             | 100                   | 55.2 ± 4.6      | 30.1 ± 4.9                 | 29.8 ± 4.9*        | 54.5 ± 7.8                      | 53.9 ± 7.6         |
|                             | 400                   | 52.8 ± 1.3      | 34.6 ± 4.8**               | 33.4 ± 4.7**       | 65.7 ± 9.4**                    | 63.4 ± 9.3**       |
|                             | 800                   | 52.0 ± 2.9      | 50.0 ± 6.7**               | 48.9 ± 6.9**       | 96.2 ± 12.7**                   | 94.2 ± 12.9**      |
|                             | Vehicle + EE          | 54.2 ± 3.0      | 124.5 ± 50.5**             | 98.2 ± 7.5**       | 231.5 ± 100.5**                 | 181.8 ± 18.4**     |
|                             | 100 + EE              | 54.3 ± 1.3      | 147.4 ± 30.4               | 113.6 ± 13.7#      | 272.0 ± 58.1                    | 209.5 ± 27.4       |
|                             | 400 + EE              | 53.9 ± 2.4      | 135.0 ± 29.1               | 104.2 ± 14.6       | 251.6 ± 58.5                    | 194.1 ± 31.7       |
|                             | 800 + EE              | 50.8 ± 7.2      | 143.8 ± 28.2               | 106.1 ± 17.5       | 286.3 ± 55.9                    | 209.8 ± 25.6       |
|                             | TMX+EE                | 53.2 ± 2.4      | 84.2 ± 6.4                 | 82.2 ± 6.7##       | 158.5 ± 12.5                    | 154.5 ± 12.7#      |

Mean ± S.D.

\* Significantly different from vehicle control at P<0.05, \*\* Significantly different from vehicle control at P<0.01

# Significantly different from vehicle control + EE at P<0.05, ## Significantly different from vehicle control + EE at P<0.01