4-tert-Butylphenol (CAS no. 98-54-4)

[Current status]

Finished Tier 1 *in vitro* assay (Tier 1 *in vivo* tests to be implemented)



Results of Reliability Evaluation (based on literature information)

| Suggested Effects | | | | | | | | | | | |
|-------------------|-----------------|------------|-----------------|-----------|----------------|----------|---------|--|--|--|--|
| Estrogenic | Anti-estrogenic | Androgenic | Anti-androgenic | Thyroidal | Anti-thyroidal | Ecdysone | Others* | | | | |
| Р | Р | - | - | - | - | - | Р | | | | |

P: Effects suggested by existing information

Others*: Hypothalamic-Pituitary-Gonad Axis etc.

Results of Tier 1 in vitro tests

| Tested Mode of Actions | | | | | | | | | | | |
|------------------------|-----------------|------------|-----------------|-----------|----------------|----------|--------|--|--|--|--|
| Estrogenic | Anti-estrogenic | Androgenic | Anti-androgenic | Thyroidal | Anti-thyroidal | Ecdysone | Others | | | | |
| Р | N | - | - | - | - | - | - | | | | |

P: EC₅₀ or IC₅₀ values were detected

To be implemented: Mode of actions selected but not tested yet

^{-:} Effects NOT suggested by existing information

N: EC₅₀ or IC₅₀ values were not detected

^{-:} Mode of actions not selected for testing