Perfluorododecanoic acid (CAS no. 307-55-1)

[Current status]

Finished Reliability evaluation (Tier 1 in vitro assay 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 | | | | |

P: Effects suggested by existing information

-: Effects NOT 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* | | | | |
| - | - | - | - | - | N | - | _ | | | | |
| | | | | | | | | | | | |

P: EC_{50} or IC_{50} values were detected N: EC_{50} or IC_{50} values were not detected *: etc.

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

-: Mode of actions not selected for testing