Mefenamic Acid (CAS no. 61-68-7)

[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 | - | Р | | | | | |

P: Effects suggested by existing information

-: Effects NOT suggested by existing information

Others*: Hypothalamic-Pituitary-Gonad Axis etc.

**: Effects suggested by USEPA EDSP

Results of Tier 1 in vitro tests

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

P: EC₅₀ or IC₅₀ values were detected

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

N: EC₅₀ or IC₅₀ values were not detected

-: Mode of actions not selected for testing