## Caffeine (CAS no. 58-08-2)

## [Current status]

Finished Tier 1 *in vitro* assay (Chemicals not to be subjected to Tier 1 *in vivo* tests)



## Results of Reliability Evaluation (based on literature information)

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

P: EC<sub>50</sub> or IC<sub>50</sub> values were detected N: EC<sub>50</sub> or IC<sub>50</sub> values were not detected NT: Mode of actions selected but not tested -: Mode of actions not selected for testing

<sup>-:</sup> Effects NOT suggested by existing information

<sup>\*\*:</sup> Effects suggested by USEPA EDSP