

IS EASIS FOR YOU?

➔ Are you interested in scientific studies describing potential endocrine activity of chemicals?

➔ Would you like to increase your knowledge regarding the mechanisms by which endocrine activity occurs?

➔ Do you want to improve or speed up your search to identify or evaluate endocrine active substances?

➔ Or are you particularly interested in mechanistic data from non-animal studies?

If your answer to any of these questions is ‘yes!’ – then EASIS could be exactly what you’re looking for: you can query, review and also download the data we manage in EASIS.

EASIS CONTENT

The EASIS data are structured according to the harmonised OECD templates (OHTs), which makes them compatible with other international data collection efforts.

WHAT EXACTLY IS EASIS?

EASIS is a publicly available web-accessible database, following the ‘FAIR’ data management principles, which offers specific insights into the landscape of endocrine activity.

It contains an extensive and highly curated collection of substance-related peer-reviewed data from publicly available studies.

EASIS data relates to endocrine disruptor (ED)-mediated (adverse) effects in vivo, as well as mechanistic (mode of action) information, much of which has been generated using non-animal methods.

Bringing such data together can provide a picture of a substance’s endocrine activity, adverse effect, and the connection between the two, as a step towards identifying EDs according to the IPCS/WHO definition.

EASIS technology

Let’s take a look under the hood: EASIS is a JRC-run instance of IUCLID 6, the main tool used worldwide to capture, manage and disseminate data on chemical properties and hazards.

If you are familiar with IUCLID, you will immediately feel comfortable when using EASIS.