Table 1. Data types included in 2017 ICE releases and example end points.

Data types	Availability	Type	End point examples
Acute dermal toxicity	October 2017 (tentative)	*In vivo*	Rodent LD_{50}
Acute inhalation toxicity	October 2017 (tentative)	*In vivo*	Rodent LC_{50}
Acute oral toxicity	March 2017	*In vivo*	Rodent LD_{50}
Acute oral toxicity	March 2017	*In vitro*[a]	Basal cytotoxicity IC_{50}
Androgenic activity	March 2017	*In vitro*	Androgen receptor binding and transactivation (agonist and antagonist activity)
Androgenic activity	July 2017 (tentative)	*In vivo*	Lowest effect level in the rodent Hershberger assay
Androgenic activity	March 2017	*In silico*	Androgen receptor pathway model scores
Curated HTS	March 2017	*In vitro*	Assay ACC, AC_{50}
Dermal irritation	March 2017	*In vivo*	Skin irritation/corrosion classification categories
Dermal sensitization	March 2017	*In vivo*	Mouse LLNA EC_3 and human patch test lowest effect level
Dermal sensitization	March 2017	*In vitro*	KeratinoSens™, DPRA, hCLAT assay results
Dermal sensitization	July 2017 (tentative)	*In silico*	Binary sensitizer/nonsensitizer call
Estrogenic activity	March 2017	*In vivo*	Lowest effect level in the rodent uterotrophic assay
Estrogenic activity	March 2017	*In silico*	Estrogen receptor pathway model scores
Ocular irritation	March 2017	*In vivo*	Eye irritation/corrosion classification categories
Physicochemical property predictions	March 2017	*In silico*	LogP, logVP, logBCF, logS, melting point, boiling point

Notes: AC50, concentration that increases activity by 50%; ACC, activity concentration at cutoff, a measure of the activity threshold for an assay response based on curve-fitting models; EC3, in the LLNA, a test chemical concentration that produces a stimulation index of 3; hCLAT, human cell line activation test; IC50, concentration that inhibits activity (in this context, decreases cell viability) by 50%; LC50, inhalation concentration expected to produce lethality in 50% of animals tested; LD50, dose expected to produce lethality in 50% of animals tested; LLNA, local lymph node assay; physicochemical properties characterized as log values are log 10; logBCF, log of the bioconcentration factor; logP, octanol-water partition coefficient; logVP, the vapor pressure; logS, log of the solubility in water.

[a]*In vitro* data were used to develop a nonanimal method for setting starting doses for *in vivo* acute oral toxicity studies