

# BENZENE

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This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 10–17 October 2017

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TO HUMANS

# ANNEX 1. SUPPLEMENTAL MATERIAL FOR TOXCAST/TOX21

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This supplemental material (which is available online at: <http://publications.iarc.fr/576>) contains a [spreadsheet](#) (.xlsx) and a zip folder containing several [ToxPi data files](#) (.csv) and [associated figures](#) (.pdf) analysed by the Working Group for Volume 120 of the *IARC Monographs*. The spreadsheet lists the ToxCast/Tox21 assay end-points, the associated target and/or model system (e.g. cell type, species, detection technology, etc.), their mapping to 6 of the 10 “key characteristics” of known human carcinogens, and whether each chemical was “active” or “inactive” ([EPA, 2015](#)). The ToxPi files integrate the results by “key characteristic” and can be accessed using ToxPi software that is freely available for download without a licence ([Reif et al., 2013](#)).

## References

- EPA (2015). ToxCast™ Data. Washington (DC), USA: United States Environmental Protection Agency. Available from: <https://www.epa.gov/chemical-research/toxicity-forecaster-toxcasttm-data>. Data released December 2014.
- Reif DM, Sypa M, Lock EF, Wright FA, Wilson A, Cathey T, et al. (2013). ToxPi GUI: an interactive visualization tool for transparent integration of data from diverse sources of evidence. *Bioinformatics*, 29(3):402–3. doi:[10.1093/bioinformatics/bts686](https://doi.org/10.1093/bioinformatics/bts686) PMID:[23202747](https://pubmed.ncbi.nlm.nih.gov/23202747/)