

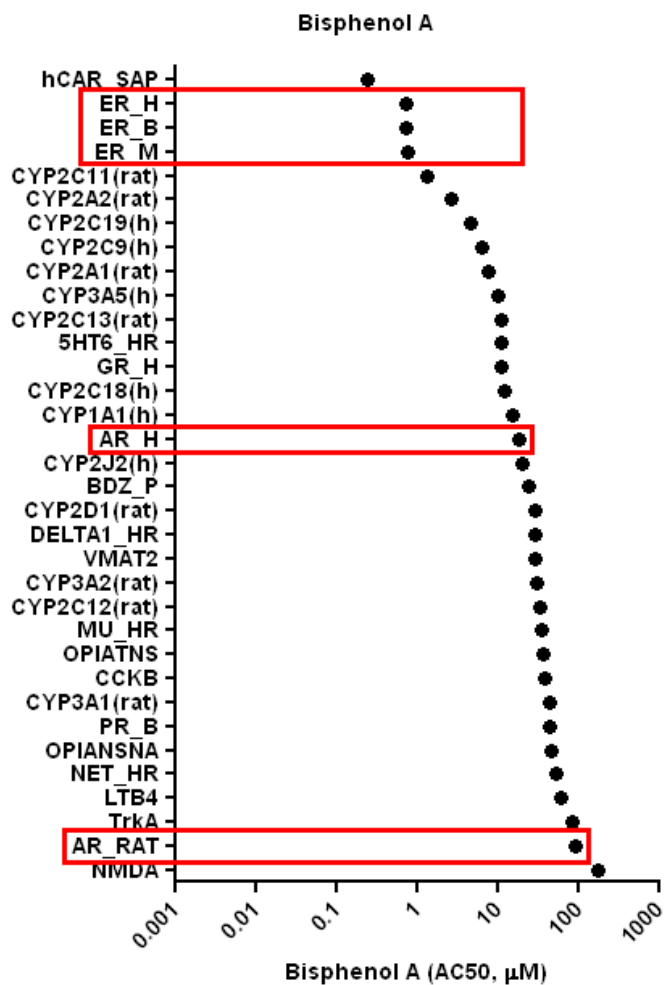
Supplemental Material

**Current Perspectives on the Use of Alternative Species in Human
Health and Ecological Hazard Assessments**

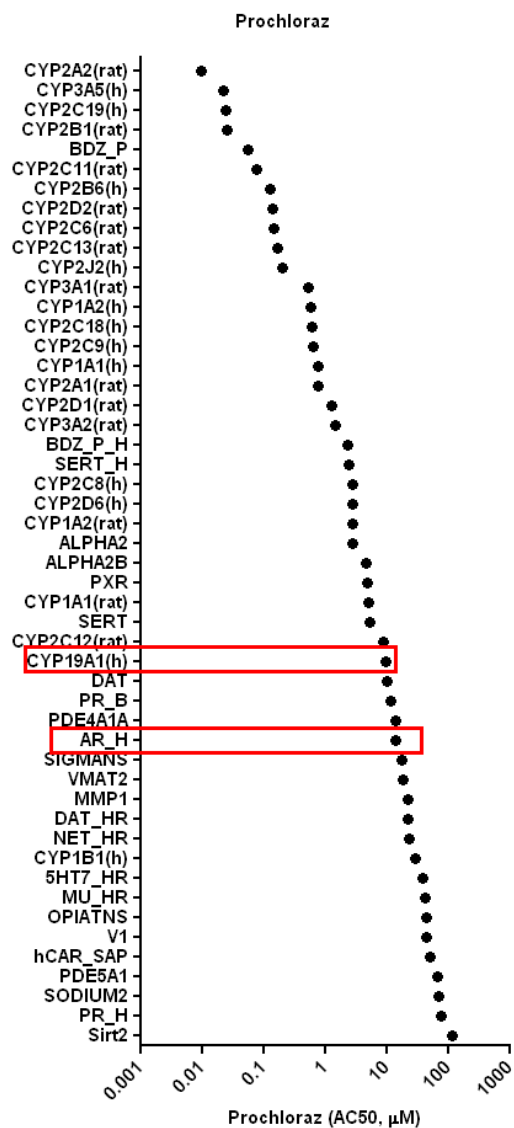
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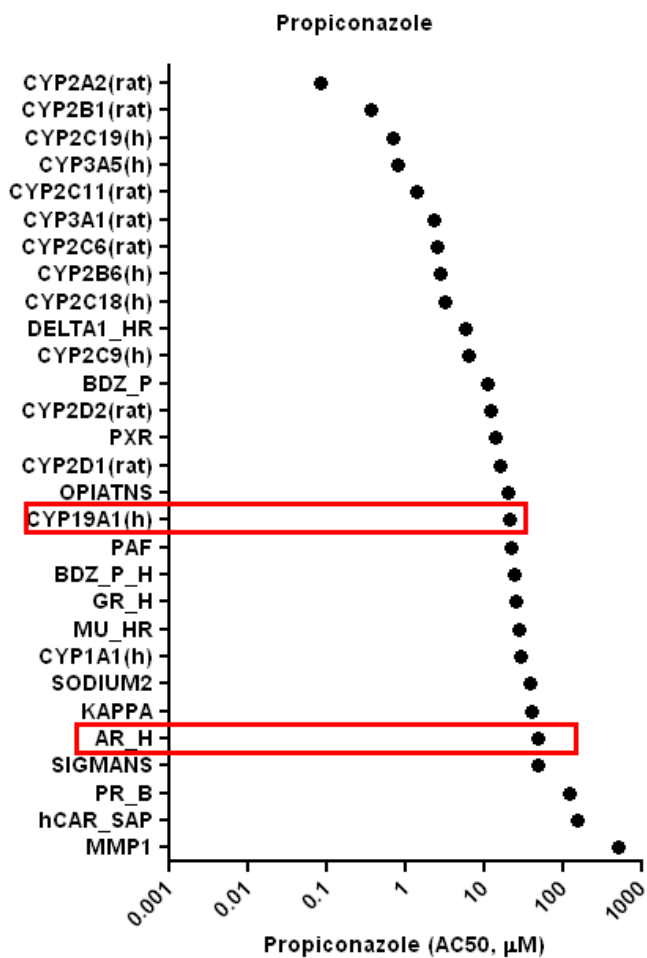
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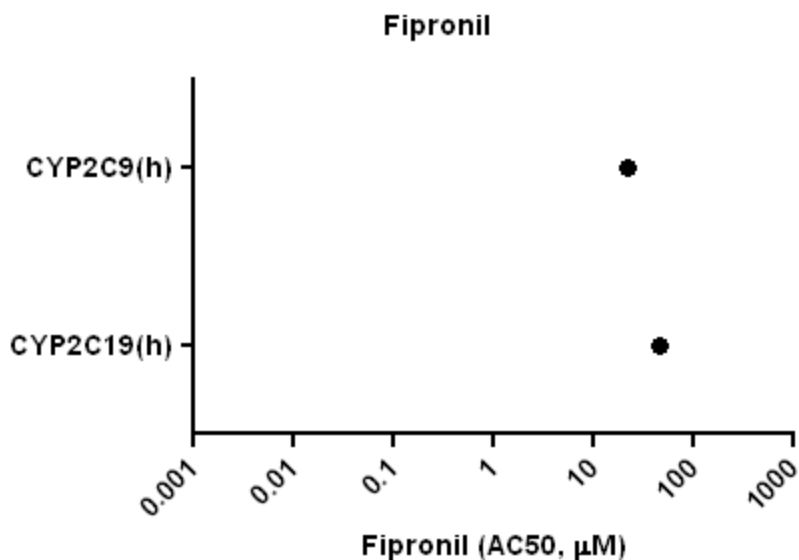
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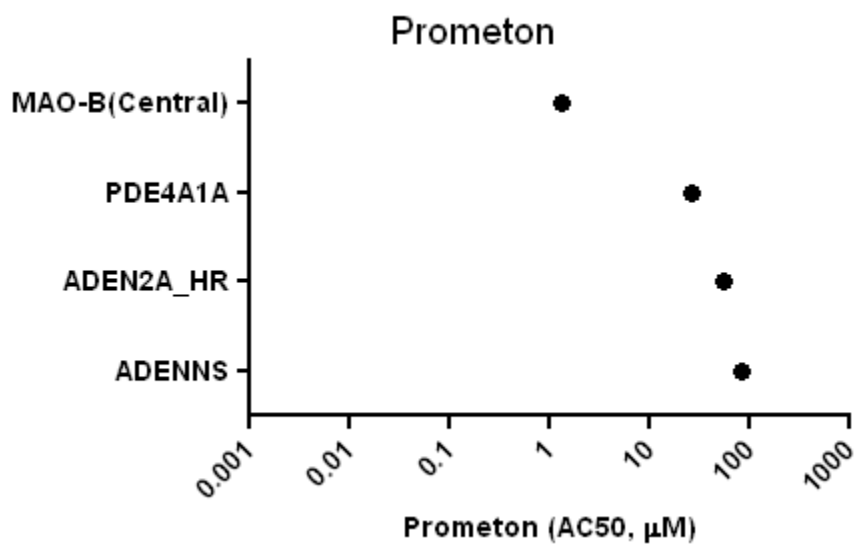
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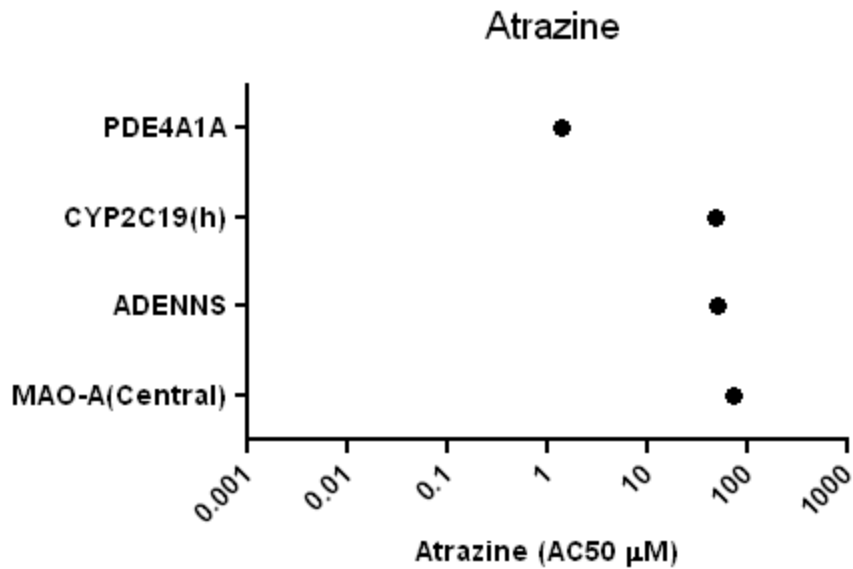
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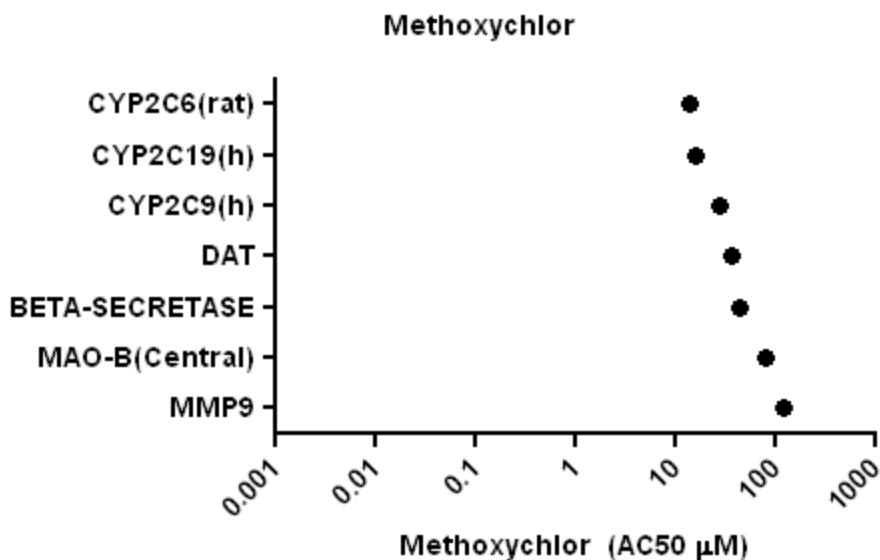
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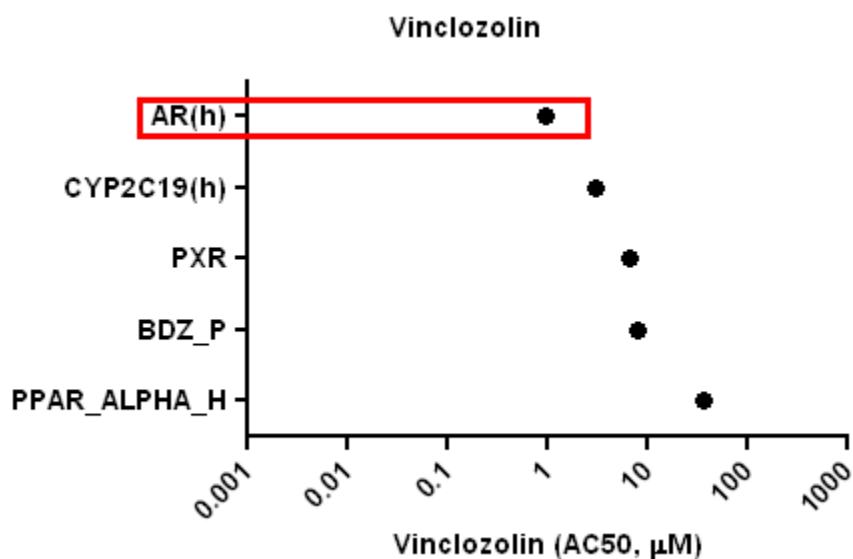
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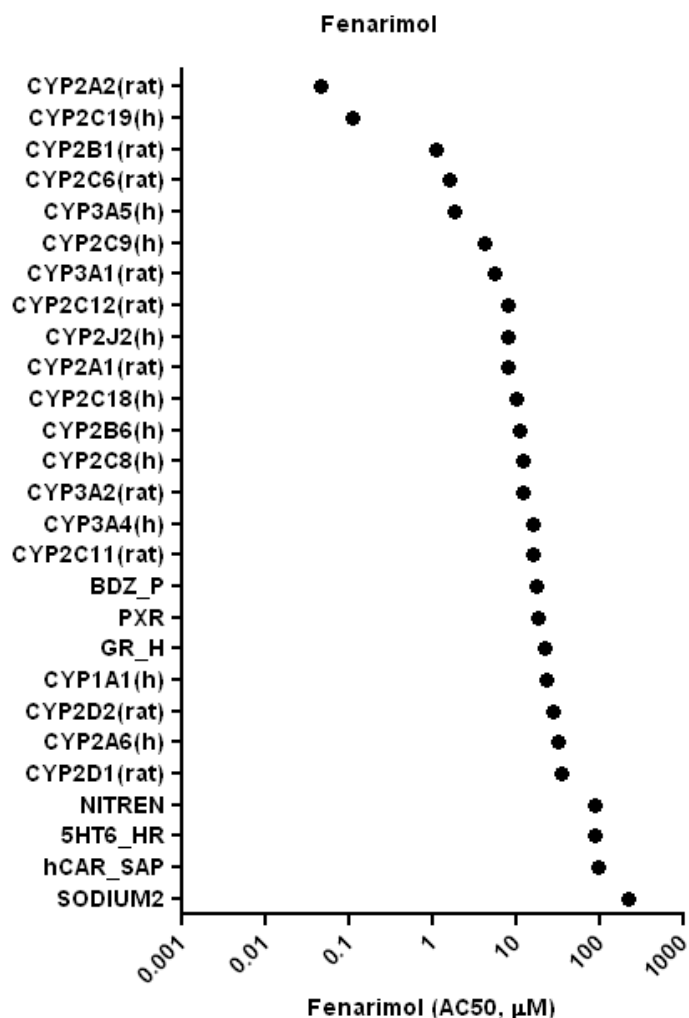
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Supplemental Material, Figure S8. Molecular screening assay results for vinclozolin tested in the ToxCast™ battery of assays (Derived from Knudsen et al. 2011). An AC50 is the *in vitro* chemical concentration yielding 50% of the maximal activity produced by an assay-specific standard chemical. Assays were identified in which a significant response was detected. Assays were then ranked by AC50. Assays relevant to molecular initiating events associated with established reproductive adverse outcome pathways of fathead minnow (*Pimephales promelas*) are outlined in red.



Supplemental Material, Figure S9. Molecular screening assay results for fenarimol tested in the ToxCastTM battery of assays (Derived from Knudsen et al. 2011). An AC50 is the *in vitro* chemical concentration yielding 50% of the maximal activity produced by an assay-specific standard chemical. Assays were identified in which a significant response was detected. Assays were then ranked by AC50. Assays relevant to molecular initiating events associated with established reproductive adverse outcome pathways of fathead minnow (*Pimephales promelas*) are outlined in red.

Reference

Knudsen TB, Houck KA, Sipes NS, Singh AV, Judson RS, Martin MT, et al. 2011. Activity profiles of 309 ToxCast™ chemicals evaluated across 292 biochemical targets. *J Toxicol* 282:1–15; doi:10.1016/j.tox.2010.12.010.