Environ Health Perspect

DOI: 10.1289/EHP7030

Note to readers with disabilities: *EHP* strives to ensure that all journal content is accessible to all readers. However, some figures and Supplemental Material published in *EHP* articles may not conform to <u>508 standards</u> due to the complexity of the information being presented. If you need assistance accessing journal content, please contact <u>ehp508@niehs.nih.gov</u>. Our staff will work with you to assess and meet your accessibility needs within 3 working days.

Supplemental Material

Cardiovascular Effects of Polychlorinated Biphenyls and Their Major Metabolites

Fabian A. Grimm, William D. Klaren, Xueshu Li, Hans-Joachim Lehmler, Moumita Karmakar, Larry W. Robertson, Weihsueh A. Chiu, and Ivan Rusyn

Table of Contents

Table S1. Chemical names, abbreviations and references describing the synthesis and authentication of the PCB derivatives used in this study.

Table S2. Data files for all cell types and phenotypes used in this study (Supplemental Excel File).

Text S1. Purity determination by GC-MS.

Text S2. Enantiomeric purity determination.

Figure S1. Gas chromatogram and mass spectrum of 4-chlorobiphenyl (PCB 3).

Figure S2. Gas chromatogram and mass spectrum of 4-chlorobiphenyl-2'-ol (2'-OH PCB 3).

Figure S3. Gas chromatogram and mass spectrum of 4-chlorobiphenyl-3'-ol (3'-OH PCB 3).

Figure S4. Gas chromatogram and mass spectrum of 4-chlorobiphenyl-4'-ol (4'-OH PCB 3).

Figure S5. Gas chromatogram and mass spectrum of 4'-Methoxy-4-chlorobiphenyl (4'-OMe PCB 3).

Figure S6. Gas chromatogram and mass spectrum of 2-(4-chlorophenyl)benzo-2,5-quinone (4-Cl BQ).

Figure S7. Gas chromatogram and mass spectrum of 3,3'-dichlorobiphenyl (PCB 11).

Figure S8. Gas chromatogram and mass spectrum of 3,3'-dichlorobiphenyl-4-ol (4-OH PCB 11).

Figure S9. Gas chromatogram and mass spectrum of 3,3'-dichlorobiphenyl-5-ol (5-OH PCB 11).

Figure S10. Gas chromatogram and mass spectrum of 4-methoxy-3,3'-dichlorobiphenyl (4-OMe PCB 11).

Figure S11. Gas chromatogram and mass spectrum of Gas chromatogram and mass spectrum of 2,2',5,5'-tetrachlorbiphenyl (PCB 52).

Figure S12. Gas chromatogram and mass spectrum of 2,2',5,5'-tetrachlorbiphenyl-4-ol (4-OH PCB 52).

Figure S13. Gas chromatogram and mass spectrum of 4-methoxy-2,2',5,5'-tetrachlorbiphenyl (4-OMe PCB 52).

Figure S14. Gas chromatogram and mass spectrum of 2,2',3,5',6-pentachlorobiphenyl (PCB 95).

Figure S15. Gas chromatogram and mass spectrum of 3,3',4,4',5-pentachlorobiphenyl (PCB 126).

Figure S16. Gas chromatogram and mass spectrum of 2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153).

Figure S17. Gas chromatogram and mass spectrum of (-)-2,2',3, 3',6,6'-hexachlorobiphenyl ((-)-PCB 136).

Figure S18. Gas chromatogram and mass spectrum of (+)-2,2',3, 3',6,6'-hexachlorobiphenyl ((+)-PCB 136).

Figure S19. Chromatogram of (-)-PCB 136 on enantioselective column.

Figure S20. Chromatogram of (+)-PCB 136 on enantioselective column.

References

Additional File- Excel Document