

Supporting information

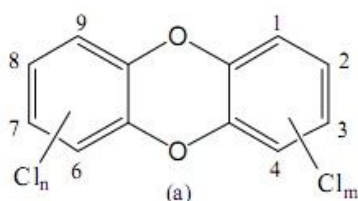
Electrochemical Deoxyribonucleic Acid Biosensor for Rapid Genotoxicity Screening of Chemicals

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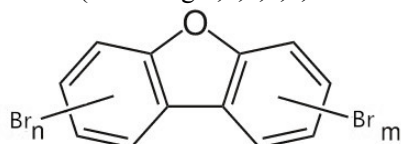
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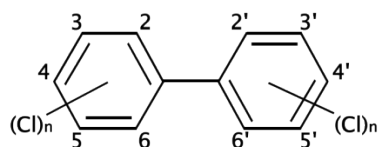
The chemical structure:



PCDD (Including 1,2,3,4,7,8-HxCDD and 1,2,3,6,7,8-HxCDD)



PBrDD (Including 2,3,7,8-TBrDF and 2,3,4,7,8-PeBrDF)

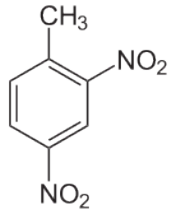


PCB (Including 3,3',4,4'-TePCB and 3,3',4,4',5,5'-HxPCB)

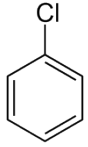
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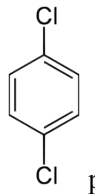
[‡]the authors contribute equally to this work.



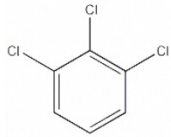
2,4-dinitrotoluene



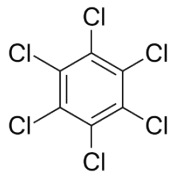
Chlorobenzene



p-dichlorobenzene



1,2,3-trichlorobenzene



hexachlorobenzene