

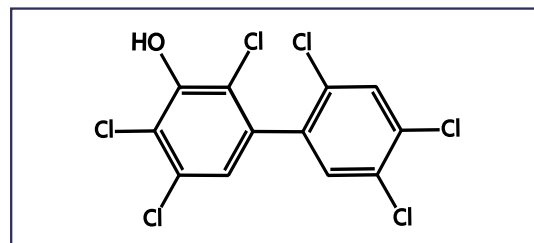
March 2, 2011

## **NEW PRODUCT**

### **Native Hydroxylated Hexachlorobiphenyl** **(2,2',4,4',5,5'-Hexachloro-3-biphenylol)**

The monitoring of legacy environmental contaminants such as polychlorinated biphenyls (PCBs) is important for the determination of potential exposure and health risks. However, in order to obtain a clear picture of the health effects associated with PCBs, we must also consider their metabolic products. Hydroxylated polychlorinated biphenyls have been identified in wildlife and human samples as metabolites of PCBs and some are known to be persistent.

Wellington previously released a number of hydroxylated and methoxylated PCBs to aid in the analysis of these compounds. We are now able to add another metabolite to our inventory in the form of 2,2',4,4',5,5'-hexachloro-3-biphenylol (**3H153**), a suspected metabolite of PCB-153 which is a major component of the Aroclor mixtures. More than one mechanism has been suggested for the formation of hydroxylated PCBs and multiple products are possible from each congener. It is therefore important to have reference standards available for the accurate identification and quantification of these compounds.



Catalogue Number	Product (90% nonane/10% toluene)	Qty	Conc
3H153	2,2',4,4',5,5'-Hexachloro-3-biphenylol	1.2 ml	50 µg/ml



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