Table 1 Mass spectral data and retention times of PCB155 and the methylated derivative of its metabolite M1

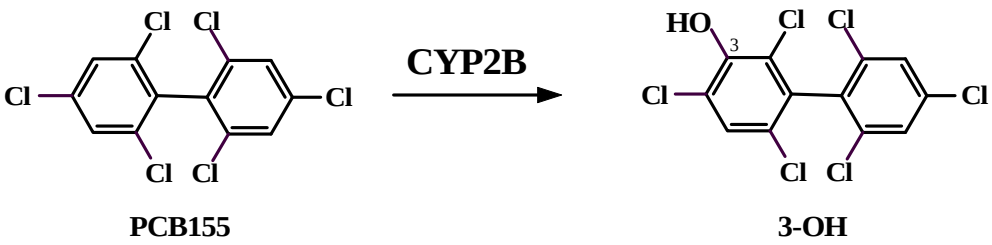
Compound	Molecular weight	Mass spectral data (Relative abundance, %)						Retention time (min) in GC-MS
		$[M^+]$	$[M^+-15]$	$[M^+-35]$	$[M^+-43]$	$[M^+-50]$	$[M^+-70]$	
PCB155	358	100	-	5	-	-	74	11.87
M1	388	100	52	-	36	-	-	13.38

-, not detected.

Table 2 Metabolism of PCB155 by liver microsomes of untreated, PB-treated, MC-treated and DEX-treated rats and guinea pigs

Animal	Treatment	M1 formed (nmol/hr/mg protein)
Rat	Untreated	N.D.
	PB-treated	1.256 ± 0.134
	MC-treated	N.D.
	DEX-treated	0.105 ± 0.047
Guinea pig	Untreated	B.D.
	PB-treated	0.030 ± 0.052
	MC-treated	N.D.
	DEX-treated	B.D.

N.D., not detected. B.D., below detection limit.
Each value represents the mean ± S.D. of four animals.



PCB155 **3-OH**

Fig. 3 Postulated metabolic pathway of PCB155 in rat and guinea pig liver