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PBDEs are found in human tissues in the US at 10x the level found in Europe. Very high levels in house pets (infants/children?)

## Polybrominated Diphenyl Ethers

Table 1.	THR-α (nM)	THR-β (nM)
Receptor bindning (IC50)	0.39	0.29
$\Gamma_3$	1.3	3.6
	0.13	0.037
Triac	B>Ref B_min	8800
4-hydroxydiphenyl ether 4'-hydroxy-1,3,5-tribromodiphenyl ether (III)	>1000	>1000
4'-hydroxy-1,3,3',5-tetrabromodiphenyl ether (IV)	198.9	41.1
4'-hydroxy-1,3,3',5,5'-pentabromodiphenyl ether (V)	543.7	181.3

<sup>&</sup>lt;sup>1</sup> To facilitate the comparison between the structures of the hydroxybromodiphenyl ethers synthesized in the present study and the thyroid hormones, the numbering system used for the thyroid hormones are used.

Marsh, Bergman et al., 1998, Organohalogen Compounds 37:305.



