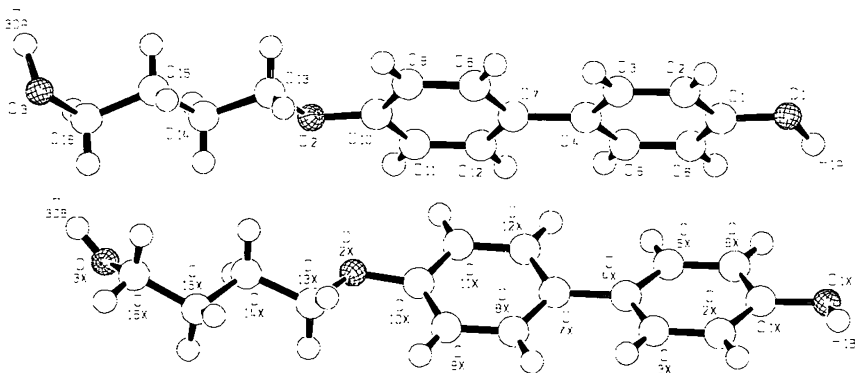


## Crystal structure of 4-(4-hydroxy-1-butoxy)-4'-hydroxybiphenyl (H4HBP), C<sub>16</sub>H<sub>18</sub>O<sub>3</sub>

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Source of material: see ref. 1. The compound was purified by silica column chromatography (eluent: dichloromethane). Suitable crystals for X-ray analysis were obtained by slow evaporation of butylacetate/ethanol-solution at room temperature.

H4HBP crystallizes in an acentric space group although the molecule contains no chiral atoms. The molecules form a herringbone layer structure with a network of interlayer hydrogen bonds.

Monoclinic,  $P12_11$  (No. 4),  $a = 5.746(1) \text{ \AA}$ ,  $b = 29.667(3) \text{ \AA}$ ,  $c = 7.926(2) \text{ \AA}$ ,  $\beta = 91.08(1)^\circ$ ,  $V = 1350.9 \text{ \AA}^3$ ,  $Z = 4$ ,  $R = 0.037$ .