

Racemic estrone methyl ether is the lamellar conglomerate

Victor P. Kislyi, Yan V. Zubavichus, Kirill K. Babievsky,
Victor N. Khrustalev and Kasimir K. Pivnitsky

General

The codes of the compounds are the same as those used in the main text.

The sample of racemic estrone methyl ether (*dl-2*, *rac*-3-methoxyestra-1,3,5(10)-trien-17-one), catalogue values mp 143-146°C, $[\alpha]_D^{20}$ 0° (CHCl₃), was obtained in 1970-1980 years from VEB Jenapharm (Jena, DDR), has been stored as closed and in a dark, was checked and demonstrated 99+ % purity, and was used ‘as received’.

Melting points of compounds were taken using Boetius micro hot stage (VEB Kombinat MAGEMA, DDR) with heating rate 1-2°C and are uncorrected. IR spectra were recorded using KBr pellets on the spectrometer Bruker ALPHA-T. The mentioned in the main text attempts to measure optical rotations of solutions were made using the automatic digital polarimeter Jasco P-2000. Spectrum of circular dichroism was registered on the dichrograph SKD-2 (Russian Federation) in MeOH solution at 23°C with a spectral resolution 3 nm.

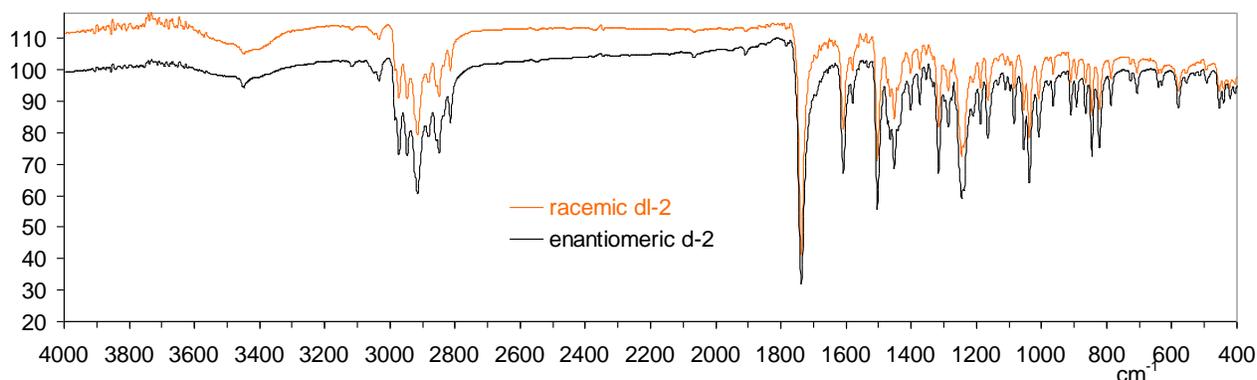


Figure S1 IR spectra (KBr pellets) of methyl ethers of *d*- and *dl*-estrones (*d-2* and *dl-2*).