

6-Methoxy-3,3',3'-trimethylspiro[2H-1-benzopyran-2,1'[2]oxaindan]: Separation of Enantiomers, Circular Dichroism Measurements and Determination of the Absolute Configuration

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The enantiomers of 6-methoxy-3,3',3'-trimethylspiro[2H-1-benzopyran-2,1'[2]oxaindan] were separated with the high-pressure liquid chromatography method. Their optical properties were studied experimentally and by quantum-chemical calculations. The absolute configurations of the compounds were determined by comparison of the measured and calculated CD spectra.

Key words: Spiropyrans; Circular Dichroism; TDDFT Calculations.