

Screening of Biotransformation Products of Carvone Enantiomers by Headspace-SPME/GC-MS[¥]

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Z. Naturforsch. **56c**, 58–64 (2001); received September 26/November 2, 2000

Microbial Transformation, Carvone Enantiomers, Headspace-SPME/GC-MS

In the course of our continuing work on transformation of monoterpenes by microorganisms, the biotransformation of (+)- and (–)-carvone was carried out. The metabolites formed during microbial transformations were screened using a simple, rapid and efficient technique: Headspace-solid phase microextraction (SPME)/GC-MS. The results as well as the application of this technique are described.