Insecticidal Activity of the Essential Oil of Ligusticum mutellina Roots

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Z. Naturforsch. **60 c**, 411–414 (2005); received December 27, 2004

The essential oil obtained from roots of different collections of *Ligusticum mutellina* was tested against 3rd instar armyworms, *Pseudaletia unipuncta* (Lepidoptera: Noctuidae), for insecticidal activity. The main compounds were isolated and their structures were elucidated using 2D-NMR techniques. Our collections contained dillapiole, ligustilide and myristicin as major compounds. The previously reported sarisan was not present, moreover its occurrence

Key words: Ligusticum mutellina, Essential Oil, Insecticidal Activity

in L. mutelling should be revised based on our findings.