Secondary Metabolites from Centaurea deusta with Antimicrobial Activity

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Z. Naturforsch. **57c**, 75–80 (2002); received September 14/October 18, 2001

Centaurea deusta, Sesquiterpene Lactones, Antifungal and Antibacterial Activity

The aerial parts of Centaurea deusta Ten. afforded in addition to several known compounds, mainly sesquiterpene lactones, one new eudesmanolide and one new elemane derivative. Structures of the new compounds were elucidated by spectroscopic methods. The in vitro antifungal and antibacterial activities of the isolated compounds was tested, using the microdilution method. All compounds tested showed high antifungal activity.