

The Antimicrobial Activity of Extracts of the Lichen *Hypogymnia tubulosa* and Its 3-Hydroxyphysodic Acid Constituent

Meral Yılmaz^a, Turgay Tay^b, Merih Kıvanç^{a,*}, Hayrettin Türk^b,
and Ayşen Özdemir Türk^a

^a Anadolu University, Department of Biology, 26470 Eskişehir, Turkey.

Fax: +90 222 320 4910. E-mail: mkivanc@anadolu.edu.tr

^b Anadolu University, Department of Chemistry, 26470 Eskişehir, Turkey

* Author for correspondence and reprint requests

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The antimicrobial activity and the MIC values of the diethyl ether, acetone, chloroform, petroleum ether, and ethanol extracts of the lichen *Hypogymnia tubulosa* and its 3-hydroxyphysodic acid constituent have been investigated against some microorganisms. At least one of the extracts or 3-hydroxyphysodic acid showed antimicrobial activity against *Aeromonas hydrophila*, *Bacillus cereus*, *Bacillus subtilis*, *Escherichia coli*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Proteus vulgaris*, *Salmonella typhimurium*, *Staphylococcus aureus*, *Streptococcus faecalis*, and *Candida albicans*. No antifungal activity of the extracts has been observed against ten filamentous fungi.

Key words: *Hypogymnia tubulosa*, 3-Hydroxyphysodic Acid, Antimicrobial Activity