The First Glycosides Isolated from Propolis: Diterpene Rhamnosides

Milena Popova^a, Vassya Bankova^a,*, Iva Tsvetkova^b, Christo Naydenski^b and Mario Vides Silva^c

a Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria. E-mail: bankova@orgchm.bas.bg
 b Institute of Microbiology, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria

Apiarios "Vides Silva", El Salvador, Central America
 * Author for correspondence and reprint request

Z. Naturforsch. **56c**, 1108–1111 (2001); received July 19/August 23, 2001

Propolis, Labdane Glycosides, Antibacterial Activity

Two diterpene glycosides, *ent-8*(17)-labden-15-O-α-L-rhamnoside and *ent-8*(17)-labden-15-O-(3'-O-acetyl)-α-L-rhamnoside (new natural compounds) were isolated from propolis from El Salvador. The compounds showed significant antibacterial activity and moderate toxicity to *Artemia salina* nauplii. These are the first glycosides reported in bee glue.