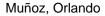
The Terpenoids of Maytenus boaria MOL. (Celastraceae)



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The known triterpenoids ??amyrin (= olean?12?en?3??ol; 22), lupeol (= lup?20(29)?en?3??ol; 17), betulin (= lup?20(29)?ene?3?,28?diol; 18), lup?20(29)?ene?3?,30?diol (20), oleanolic acid (= 3??hydroxyolean?12?en?28?oic acid; 21), and betulonic acid (= 3?oxolup?20(29)?en?28?oic acid; 19), together with epicatechol (=

cis?2?(3,4?dihydroxyphenyl)?3,4?dihydro?2H?1?benzopyran?3,5,7?triol; 23),

5??O?methylgallocatechol (=

trans?2?(3,4?dihydroxy?5?methoxyphenyl)?3,4?dihydro?2H?1?benzopyran?3,5,7?triol; 24), and 4?hydroxybenzaldehyde were isolated from the aerial parts of Maytenus boaria (MOL.). Additonally, the eight 4,C4?dihydro???agarofuran sesquiterpenoids 1?8, one of them a diol with a (4R)?configuration, and compound 9 were present in the extract. The structures of these compounds were established by spectroscopic and chemical means. Copyright © 1993 Verlag GmbH & Co. KGaA, Weinheim