

Two New 24-Isopropenyl-lanostanoids from *Tillandsia brachycaulos*[†]

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Z. Naturforsch. **58c**, 649–654 (2003); received February 26/April 2, 2003

The leaves of *Tillandsia brachycaulos* afforded two novel tetracyclic triterpenoids identified as (24*S*)-24-isopropenyl-29-*nor*-5 α -lanosta-7-en-3 β -ol (**1**) and (24*S*)-24-isopropenyl-29-*nor*-5 α -lanosta-7-en-3-one (**2**), in addition to the known isopimaric acid (**3**) and chlorogenic acid (**4**). Their structures were elucidated on the basis of spectral analysis, including homo- and heteronuclear correlation NMR experiments (COSY, ROESY, HMQC and HMBC) and by comparison with data in the literature. The antimicrobial and antifungal activities were studied. The compounds did not show significant activity.

Key words: *Tillandsia*, Triterpenoids, NMR